

# FT-890

## Technical Supplement



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# Contents

|                                                                                      |          |
|--------------------------------------------------------------------------------------|----------|
| <b>Introduction &amp; Chip Component Replacement . . . . .</b>                       | <b>1</b> |
| <b>Circuit Board Access, Battery &amp; Lamp Replacement, CPU Resetting . . . . .</b> | <b>2</b> |
| <b>Alignment . . . . .</b>                                                           | <b>3</b> |
| <b>Block &amp; Interconnection Diagrams . . . . .</b>                                | <b>4</b> |
| <b>PCB Diagrams &amp; Parts Lists . . . . .</b>                                      | <b>5</b> |
| Local Unit . . . . .                                                                 | 5A       |
| RF Unit . . . . .                                                                    | 5B       |
| Display Unit . . . . .                                                               | 5C       |
| 100-W Power Amp (PA) Unit . . . . .                                                  | 5D       |
| LPF Unit . . . . .                                                                   | 5E       |
| Keyer Unit . . . . .                                                                 | 5F       |
| Tuner Main Unit . . . . .                                                            | 5G       |
| Tuner Control Unit . . . . .                                                         | 5H       |
| Carrier (CAR) DDS Unit . . . . .                                                     | 5I       |
| PLL Sub-Loop (SUB) DDS Unit . . . . .                                                | 5J       |
| Notch Unit . . . . .                                                                 | 5K       |
| Potentiometer (VR) A, B & Clarifier (CLAR) Units . . . . .                           | 5L       |
| Headphone (HP), Microphone (MIC) & Potentiometer (VR) C Units . . . . .              | 5M       |
| Potentiometer (VR) D & Keyer Control Units . . . . .                                 | 5N       |
| Switch A Unit . . . . .                                                              | 5O       |
| Switch B Unit . . . . .                                                              | 5P       |
| Switch C Unit . . . . .                                                              | 5Q       |
| <b>Mechanical Details (Exploded View &amp; Mechanical Parts) . . . . .</b>           | <b>6</b> |

# Introduction



This manual provides technical information necessary for servicing the Yaesu FT-890 HF Transceiver. It does not include information on specifications, installation and operation, which are described in the *FT-890 Operating Manual*, provided with each transceiver, or on FT-890 accessories, which are described in manuals provided with each.

Servicing this equipment requires expertise in handling surface mount chip components. Attempts by non-qualified persons to service this equipment may result in permanent damage not covered by warranty.

For the major circuit boards, each side of the board is identified by the type of the majority of components installed on that side. In most cases one side has only chip components, and the

other has either a mixture of both chip and lead components (trimmers, coils, electrolytic capacitors, packaged ICs, etc.), or lead components only.

While we believe the technical information in this manual is correct, Yaesu assumes no liability for damage that may occur as a result of typographical or other errors that may be present. Your cooperation in pointing out any inconsistencies in the technical information would be appreciated.

Yaesu Musen reserves the right to make changes in this transceiver and the alignment procedures, in the interest of technological improvement, without notification of the owners.

# Circuit Board Access

- ❑ Turn the transceiver off and disconnect all cables.
- ❑ Place the set upside-down on the work surface, with the rear facing you, and remove the 8 screws affixing the bottom cover (photos 1 & 2). This exposes the component side of the RF Unit.
- ❑ To remove the top cover, disconnect the light-blue-banded coaxial cable from J2026 near the rear of the exposed RF Unit (photo 3).
- ❑ Note: the cable must be reconnected to J2026 during alignment (except for Local Unit and PA Unit procedures).
- ❑ Place the transceiver topside-up so the rear panel is facing you, and remove the 4 screws indicated in photo 4.
- ❑ Remove the 4 screws in the shield panel at the left, as shown in photo 5, to access the Local Unit.
- ❑ Remove the 11 screws in the shield panel at the right to access the PA, LPF and Keyer Units.

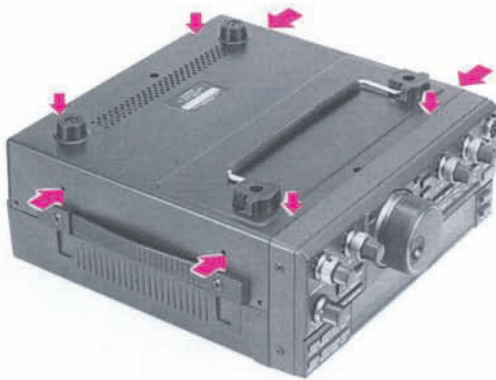


Photo 1

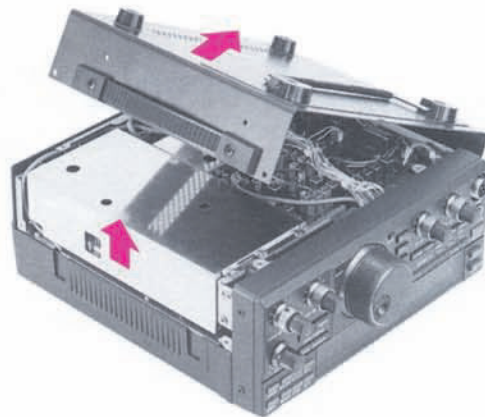


Photo 2

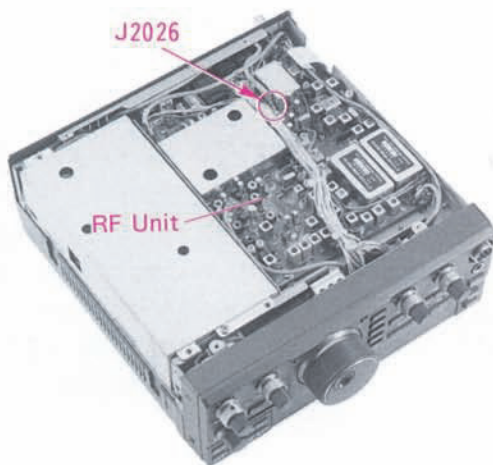


Photo 3



Photo 4

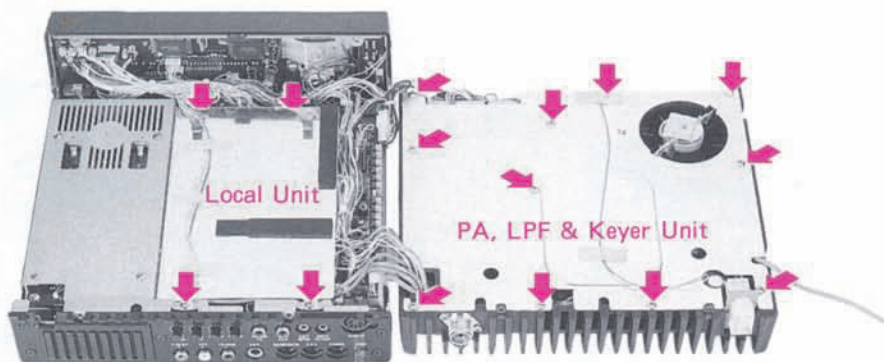
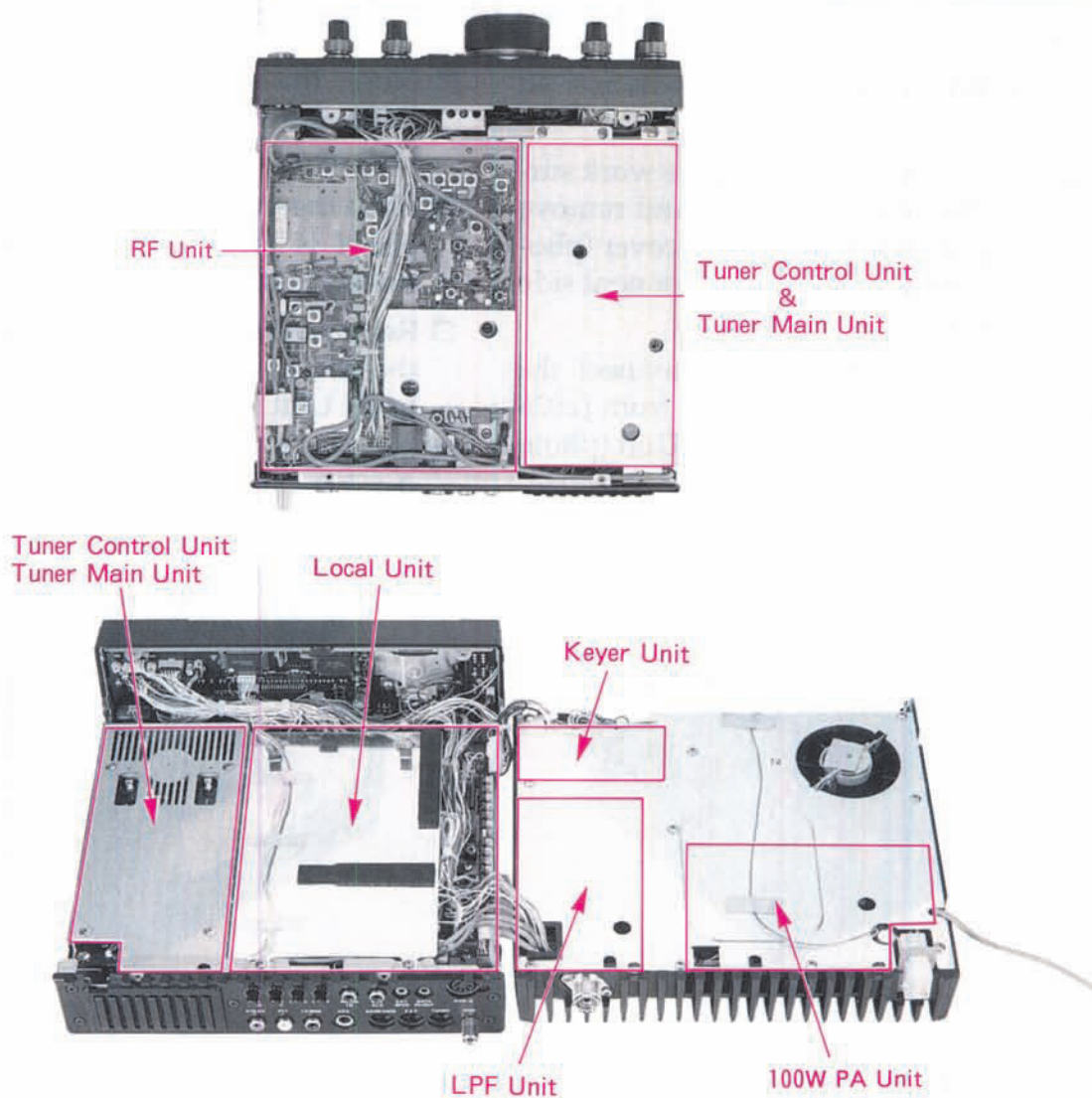


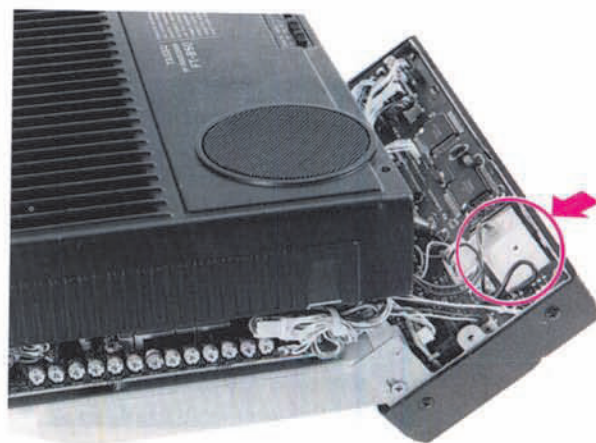
Photo 5





## Battery & Pilot Lamp Replacement

- ☐ Disconnect all cables and remove the top and bottom covers.
- ☐ Remove the 4 screws from both sides of the front panel, as indicated below (for pilot lamp replacement, the bottom two screws can be just loosened).
- ☐ Gently pull the front panel away from the chassis (or just fold it down for pilot lamp replacement).
- ☐ Pilot lamp location is indicated below. To change the backup cell, use your fingers to remove the old cell from its holder (do not grab it with metal tweezers or pliers, as that could short it out). Replace only with Sony lithium type CR2032 (Yaesu part number Q900564), or equivalent.



### Resetting the Microprocessors

Functional problems involving frequency, mode and memory selection can sometimes be resolved simply by resetting the microprocessors. There are two ways to reset the microprocessors in the FT-890, both of which clear the contents of all memories, leaving them at the factory defaults.

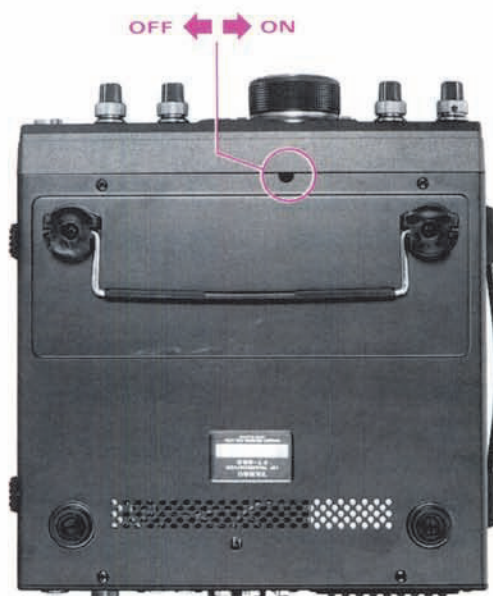
#### Soft Reset

This procedure relies on a ROM routine which should normally suffice to correct most operating misfunctions. Turn the transceiver

off, then hold both the **HAM/GEN** button and the **CLAR** button while switching the transceiver back on. If the problem persists, proceed to the Hard Reset.

#### Hard Reset

- ☐ Turn the transceiver off, and then turn the Backup switch (inside the hole near the front center of the bottom cover) off.
- ☐ Let the transceiver sit for several minutes.
- ☐ Turn the transceiver on, then turn the Backup switch back on (after the transceiver has been turned on).



# Alignment

The FT-890 is carefully designed to allow the knowledgeable operator to make nearly all adjustments required for various station conditions, modes and operator preferences simply from the controls on the panels, without opening the case of the transceiver. The *FT-890 Operating Manual* describes these adjustments, plus certain internal settings.

The following procedures cover the sometimes critical and tedious adjustments that are not normally required once the transceiver has left the factory. However, if damage occurs and some parts subsequently be replaced, realignment may be required. If a sudden problem occurs during normal operation, it is likely due to component failure; realignment should not be done until after the faulty component has been replaced.

We recommend that servicing be performed only by authorized Yaesu service technicians, experienced with the circuitry and fully equipped for repair and alignment. So if a fault is suspected, you should contact the selling dealer for instructions regarding repair. Authorized Yaesu service technicians have the latest modification information, and realign all circuits and make complete performance checks to ensure compliance with factory specifications after replacing faulty components.

Those who do undertake any of the following alignments are cautioned to proceed at their own risk. Problems caused by unauthorized attempts at realignment are not covered by the warranty policy. Also, Yaesu must reserve the right to change circuits and alignment procedures in the interest of improved performance, without notifying owners.

Under no circumstances should any alignment be attempted unless the normal function and operation of the transceiver are clearly understood, the cause of the malfunction has been clearly pinpointed and any faulty components replaced, and the need for realignment determined to be absolutely necessary.

The following test equipment (and thorough familiarity with its correct use) is necessary for complete realignment. Correction of problems caused by misalignment resulting

from use of improper test equipment is not covered under the warranty policy. While most steps do not require all of the equipment listed, the interactions of some adjustments may require that more complex adjustments be performed afterwards. Do not attempt to perform only a single step unless it is clearly isolated electrically from all other steps. Rather, have all test equipment ready before beginning, and follow all of the steps in a section in the order they are presented.

- ☐ Digital DC Voltmeter (high-Z, >1 M $\Omega$ /V)
- ☐ DC Ammeter
- ☐ RF Millivoltmeter
- ☐ AF Millivoltmeter
- ☐ RF Standard Signal Generator w/ calibrated output and dB scale, 0 dB $\mu$  = 0.5  $\mu$ V
- ☐ AF Signal Generator with calibrated output
- ☐ Spectrum Analyzer or receiver (30 MHz)
- ☐ Oscilloscope
- ☐ Frequency Counter
- ☐ 50- $\Omega$  Dummy Load (150 ~ 250 watts)
- ☐ 16.6- $\Omega$  Dummy Load (>150 W)
- ☐ In-Line Wattmeter (150 ~ 250 W, 50- $\Omega$ )
- ☐ Linear Detector
- ☐ RF Attenuator (>150-W, 40-dB) or coupler

## Alignment Preparation & Precautions

A 50- $\Omega$  dummy load and inline wattmeter must be connected to the antenna jack in all procedures that call for transmission, except where specified otherwise. Correct alignment is not possible with an antenna.

Except where specified otherwise, the transceiver should be tuned to 14.2 MHz, USB mode, and these controls set as indicated:

- ☐ **MOX & VOX** buttons OFF (■)
- ☐ **AGC-F** button ON (—)
- ☐ **PROC, IPO, ATT & RPT/T** buttons OFF (■)
- ☐ **MIC & RF PWR** fully ccw (minimum)
- ☐ **AF** as required, **RF** fully cw (maximum)
- ☐ **NB** 12-o'clock, **SQL** fully ccw
- ☐ **NOTCH & SHIFT** to 12-o'clock



After completing one step, read the following step to determine whether the same test equipment will be required. If not, remove the test equipment (except dummy load and wattmeter, if connected) before proceeding.

Correct alignment requires that the ambient temperature be the same as that of the transceiver and test equipment, and that this temperature be held constant between 20 and 30 °C (68 ~ 86 °F). If the transceiver is brought into the shop from hot or cold air it should be allowed some time for thermal equalization with the environment before alignment.

Alignments must only be made with oscillator shields and circuit boards firmly affixed in place. Only one extender board should be installed at a time for access to the board being aligned. Also, the test equipment must be thoroughly warmed up before beginning.

*Note: Signal levels in dB referred to in alignment are based on 0 dBμ = 0.5 μV.*

*Table note: DC voltages should be within ± 10% of those listed in the voltage tables.*

## Local Unit

Refer to the Local Unit Alignment Diagram on page 3-10. To prevent PLL unlock from interfering with the Local Unit alignment process, connect TP1008 to ground. Remember to disconnect TP1008 when finished alignment.

## Reference Oscillator

- ☐ Connect the frequency counter to TP1004.
- ☐ If the counter frequency differs by more than 5 Hz from 10.485760 MHz, adjust the TCXO-3 trimmer (if the TCXO is installed) or TC1002.
- ☐ Replace the counter with the RF millivoltmeter, and confirm at least 120 mV<sub>rms</sub>.

## 70-MHz 2nd Local Oscillator

- ☐ Remove the coaxial plug from J1003 and connect a 50-Ω resistor in parallel with the frequency counter across the socket.
- ☐ Adjust L1002 for 70.00000 MHz ± 20 Hz.
- ☐ Replace the counter with the RF millivoltmeter, and confirm at least 40 mV<sub>rms</sub>.

- ☐ Remove the meter and resistor, and replace the plug in J1003.

## Carrier DDS Check

- ☐ Turn the **MIC** and **RF PWR** controls fully ccw (minimum), and connect the frequency counter to TP1009.
- ☐ Select LSB mode, key the transmitter, and confirm 453.500 kHz on the counter.
- ☐ Select USB mode, key the transmitter, and confirm 456.500 kHz on the counter.
- ☐ Select CW mode, key the transmitter, and confirm 455.800 kHz on the counter.
- ☐ Select AM mode, key the transmitter, and confirm 455.000 kHz on the counter.
- ☐ Connect the RF millivoltmeter to TP1009 and at least 80 mV<sub>rms</sub> in USB mode.

## Sub-Loop: DDS Check

Tune the transceiver display to 7.0451 MHz. Connect the RF millivoltmeter to TP1010 and confirm at least 40 mV<sub>rms</sub>.

## Sub-Loop: DDS Check

- ☐ Tune the transceiver display to 7.04511 MHz. Connect the frequency counter to TP1007 and adjust L1045, if necessary, for 60 to 60.1 MHz on the counter.
- ☐ Connect the RF millivoltmeter to TP1011 and adjust T1002 and T1003 alternately several times for maximum RF voltage.
- ☐ Connect the DC voltmeter to TP1001 and adjust L1045 for 5.0 ± 0.2 V.
- ☐ Tune the transceiver up 10 Hz to 7.04512 MHz and confirm 3.0 ± 0.2 V at TP1001.
- ☐ Tune the transceiver to 7.1270 MHz, connect the RF millivoltmeter to TP1012, and adjust T1002 and T1003 alternately (again) several times for maximum RF voltage (at least 10 mV<sub>rms</sub>).

## Main PLL: Local BPF & VCV

- ☐ Tune the transceiver to 7.1400 MHz, and connect the RF millivoltmeter to TP1002 (pin 13 of Q1042).
- ☐ Adjust T1005 and T1006 alternately several times for peak RF voltage (at least 100 mV<sub>rms</sub>). Leave the meter at TP1002.



- ❑ Connect the DC voltmeter to TP1003. Tune the display to each adjustment frequency in the following table and adjust the corresponding trimmer capacitor for  $6.0 \pm 0.2$  V on the DC voltmeter. Then retune to the check frequency and confirm the corresponding check voltage ( $\pm 0.5$  V). Repeat at each listed frequency.

| Adjustment<br>Freq. (VCO#) | Adj. for 6 V<br>@TP1003 | Check    |       |
|----------------------------|-------------------------|----------|-------|
|                            |                         | Freq.    | Volts |
| 30.00000 (VCO4)            | TC1005                  | 21.50000 | 1.8   |
| 21.49999 (VCO3)            | TC1004                  | 14.50000 | 1.8   |
| 14.49999 (VCO2)            | TC1003                  | 7.50000  | 1.6   |
| 7.49999 (VCO1)             | TC1001                  | 0.10000  | 1.7   |

- ❑ Tune the transceiver to 29.9800 MHz and again adjust T1005 and T1006 alternately several times for peak RF voltage (at least 100 mV<sub>rms</sub>) at TP1002.

### 1st Local Output Level Check

- ❑ Remove the plug from J1001 and connect a 50-Ω resistor and RF voltmeter in its place.
- ❑ Tune to 30.00000 MHz and confirm at least 400 mV<sub>rms</sub> on the meter. Replace the plug in J1001.

## PA Unit (RF Power Amplifier)

### Final Idling Current

Make sure the transceiver has been on for at least several minutes. Connect the DC voltmeter between TP4001 (+) and TP4002 (—) on the PA Unit. Key the transmitter in an SSB mode, and with no microphone input, adjust VR4001 for  $6.0 \text{ mV} \pm 0.5 \text{ mV}$ .

### LPF Unit

### CM Coupler Balance

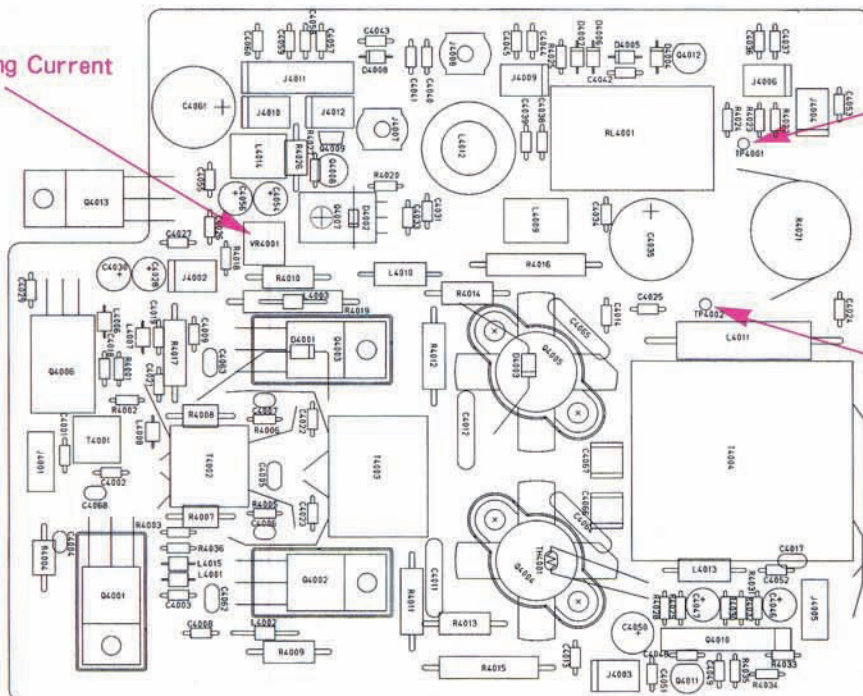
With the 50-Ω dummy load connected to the antenna jack, tune the transceiver to 14.2 MHz, and select the CW mode. Connect the DC voltmeter between pins 3 (—) and 4 (+) of J5006, key the transmitter and adjust TC5001 for *minimum* on the voltmeter.

### Tuner Unit

### Tuning Capacitor/Motor (Mechanical Check, Setting & Adjustment)

- ❑ Loosen all set screws in the shaft coupler, and turn the coupler by hand to confirm it moves freely (the motor and capacitor should not move). If the coupler binds, check the motor mounting position (it is

VR4001  
Final Idling Current



TP4001  
Connect + lead of  
DC Voltmeter

TP4002  
Connect - lead of  
DC Voltmeter

100-W Power Amp (PA) Unit Test & Alignment Points

**J5002**

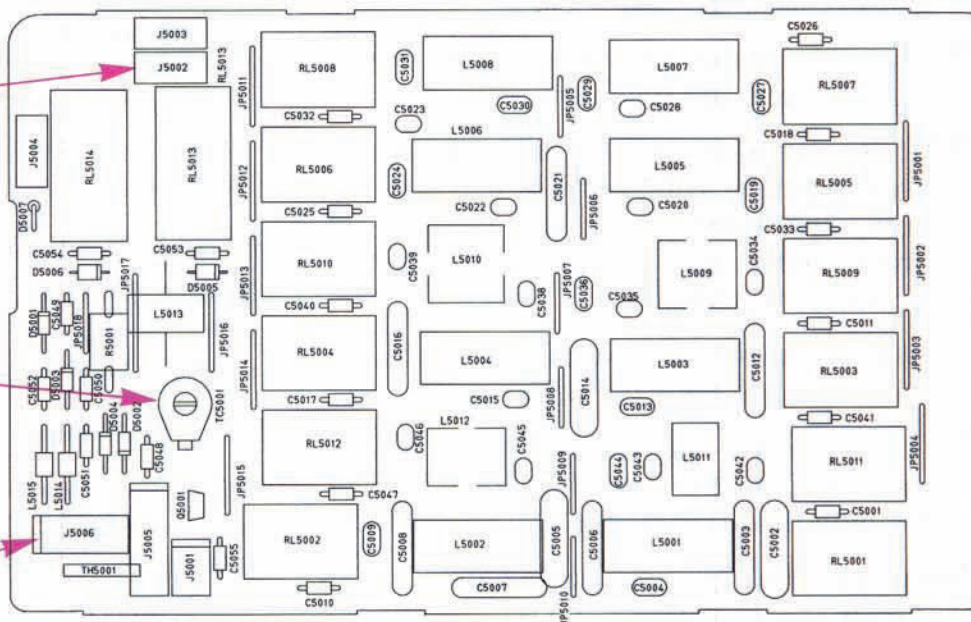
Connect to RF Input (J6502) on Tuner Control Unit to Align Tuner Impedance

**TC5001**

CM Coupler Balance

**J5006**

Connect DC Voltmeter to pin3 (-) and 4 (+) (minimum)



## LPF Unit Test & Alignment Points

**J6502**

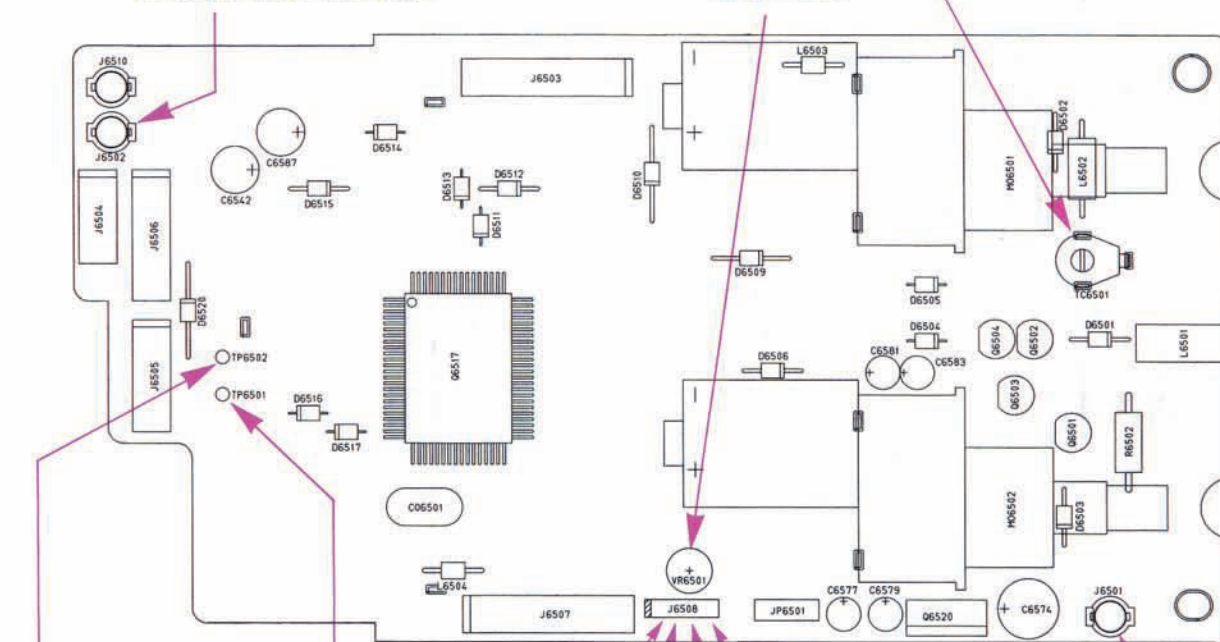
RF Input: Connect to J5002 on LPF Unit to adjust Tuner Impedance

**VR6501**

Tuner Phase

**TC6501**

Tuner Impedance



**TP6502**

Jump to ground for Capacitor Alignment

**TP6501**

Jump to ground for Capacitor Alignment

**J6508**

Connect DC Voltmeter between I & V to adjust impedance and between C & L to adjust phase (0Volts)

**J6501**

Tuner Out: Connect 50-Ω load for Impedance & Phase Detection

## Tuner Control Unit Test & Alignment Points



soldered in place) and the capacitor mounting (screws).

- ❑ Turn the power switch off, and jump TP-6501 to chassis ground.
- ❑ Turn the power switch on. The motor should rotate, and then stop.
- ❑ Set the capacitor to its maximum capacitance position (plates fully meshed) by hand, and tighten all shaft coupler set screws, using care not to disturb the capacitor or motor positions.
- ❑ Turn the power off, and jumper TP6502 to chassis ground (along with TP6501).
- ❑ Turn the power back on. The motor should move 180°, and the capacitor should be then at minimum capacitance (fully unmeshed).
- ❑ Remove the grounding jumpers from TP6501 and TP6502.

## Tuner Impedance & Phase Detection

- ❑ Connect the 50-Ω dummy load and wattmeter to J6501 (the output of the Tuner Control Unit), and connect J6502 (RF IN) to J5002 (LPF OUT). Tune the transceiver to 14.000 MHz, CW mode.
- ❑ Connect the DC voltmeter between pins 1 ("I") and 2 ("V") of J6508 (either polarity).

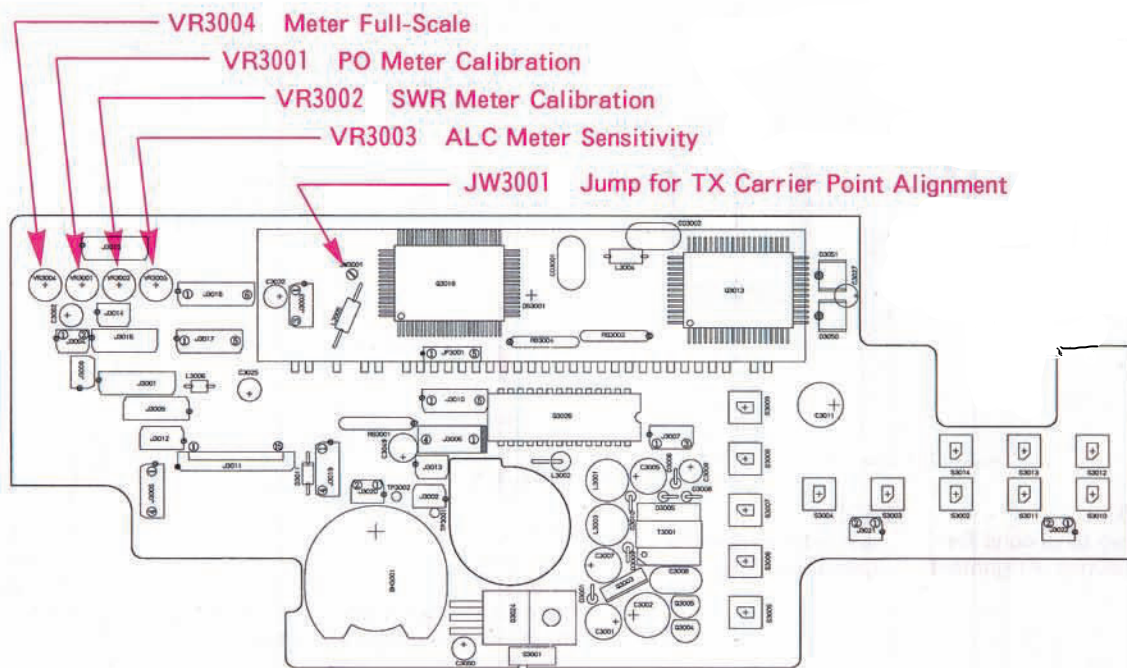
- ❑ Press the **TUNER** and **MOX** buttons, adjust the **RF PWR** control for 50 watts output, and then adjust TC6501, if necessary, for meter indication within  $\pm 0.08$  V of 0 V.
- ❑ While still transmitting, move the DC voltmeter to pins 3 ("C") and 4 ("L") of J6508 (either polarity), and adjust VR6501, if necessary, for meter indication within  $\pm 0.02$  V of 0 V.

## RF Unit Local Signals and Oscillators

- ❑ With the RF millivoltmeter, confirm at least 900 mV<sub>rms</sub> at TP2001, and 400 mV<sub>rms</sub> at TP2002 (see page 3-11).

## Notch Oscillator

- ❑ Connect the frequency counter to TP2004 (pin 7 of Q2020), and with the **NOTCH** control at 12 o'clock, adjust L2062 for 8.67 MHz  $\pm 50$  Hz.
- ❑ Replace the counter with the RF voltmeter, and adjust T2032 for maximum voltage (at least 300 mV<sub>rms</sub>).



Display Unit Test & Alignment Points

## Receiver Circuits

### IF Interstage Transformers (I)

#### (coarse alignment - only for new IF Unit)

- ☐ Connect the RF signal generator to J2024 on the RF Unit, and inject 100 dB $\mu$  at 14.200 MHz. Connect the AF millivoltmeter across and 8- $\Omega$  load to the **EXT SP** jack on the rear panel.
- ☐ Preset VR2003 fully clockwise, and adjust T2005, T2009 ~ T2012 and T2014 ~ T2021 in succession several times peak AF output.

### SSB Detector Balance

Inject 40 dB $\mu$  at 14.200 MHz to the antenna jack and adjust VR1001 on the Local Unit for peak AF output.

### 1st Mixer Balance

In LSB mode, tune to the internal heterodyne at 164 kHz, and adjust VR2001 and VR2002 alternately several times for a null in AF output.

### Meter Full Scale

- ☐ Turn the transceiver off, and hold the **ALC**, **PO** and **SWR** buttons together while switching back on (to activate the meter test mode). Then press the **PO** button: the display should show "50".
- ☐ Adjust VR3004 on the Display Unit so the meter deflects to the **S9+40 dB** marker on the S-meter scale.
- ☐ Press the **PO** button again to return to normal operation.

### S-Meter Threshold

- ☐ After performing the above full-scale adjustment, preset VR2006 on the RF Unit to the 12 o'clock position.
- ☐ Turn the **SQL** control fully clockwise and adjust VR2005 to the point just before the S-meter begins to deflect. Then return the **SQL** control fully counterclockwise.

### IF Interstage Transformers (II)

- ☐ Connect the RF signal generator to the antenna jack, and inject 80 dB $\mu$  at 14.200 MHz.

- ☐ Adjust T2005, T2009 ~ T2012 and T2014 ~ T2021 in succession several times for peak S-meter indication (adjust the injection level as necessary to keep the meter around mid scale).

### IF Gain

- ☐ Inject 7 dB $\mu$  at 14.200 MHz to the antenna jack, and tune for peak on the S-meter.
- ☐ Adjust VR2003 on the RF Unit for S-1 deflection.

### S-Meter Full-Scale

- ☐ Inject 100 dB $\mu$  at 14.200 MHz to the antenna jack, and tune for peak on the S-meter.
- ☐ Adjust VR2006 on the RF Unit for **S9+60 dB** on the S-meter.
- ☐ Reduce the injection level so the S-meter deflects to **S9**, and confirm the injection is between 32 and 42 dB $\mu$ .

### Notch Null

- ☐ Inject 40 dB $\mu$  at 14.200 MHz from the RF signal generator to the antenna jack. Select USB mode, make sure the **NOTCH** is off, and tune to 14.20150 MHz (so a 1500-Hz heterodyne is heard).
- ☐ Press the **NOTCH** button and, with the **NOTCH** control centered, adjust VR7201 on the Notch Unit and L2062 on the RF Unit alternately several times for minimum S-meter deflection or AF output.

### SSB Squelch Threshold

In the USB mode, with no signal at the antenna jack, set the **SQL** control to the 10-o'clock position, and adjust VR1002 on the Local Unit so that the squelch just closes.

### FM Squelch Threshold (must be done only after SSB Squelch Threshold, above)

In the FM mode, with no signal at the antenna jack, set the **SQL** control between the 9- and 10-o'clock positions, and adjust VR2004 on the RF Unit so that the squelch just closes.



## Transmitter

Connect the 50-Ω dummy load to the antenna jack for all procedures.

### ALC Meter Zero Set

Note: *Meter Full Scale* alignment on the previous page must be done before this procedure, and *Overcurrent ALC Zero Set* (below) and *Overcurrent ALC Turndown* (also below) must be done after.

- ☐ Select the ALC meter function, and preset VR1014 on the Local Unit fully counter-clockwise.
- ☐ Select USB mode, key the transmitter, and with no modulation, adjust VR1017 on the Local Unit to the point where the ALC meter just begins to deflect.

### Overcurrent ALC Zero Set

Note: *Overcurrent ALC Turndown* (below) must be done after this procedure.

- ☐ Preset VR1014 on the Local Unit to its center position, and connect the DC voltmeter between the anode of D1043 (+) and chassis ground.
- ☐ In USB mode, key the transmitter, and with no modulation, adjust VR1013 on the Local Unit for 0 V on the meter.

### Transmitter IF Interstage Transformers

- ☐ With the inline wattmeter and 50-Ω dummy load connected to the antenna jack, set the **RF PWR** control fully ccw (minimum), and select the ALC meter function.
- ☐ Tune to 14.200 MHz in the CW mode, key the transmitter and adjust T2023 and T2026 ~ T2029, several times, for peak on the ALC meter or on the wattmeter (around 100 watts).

### 2nd Tx Mixer Balance

- ☐ Connect the RF attenuator and spectrum analyzer to the antenna jack, and set the **RF PWR** control fully ccw (minimum).
- ☐ Key the transmitter and adjust VR2007 on the RF Unit for minimum spurious 455 kHz on either side of 14.2 MHz (13.745 and 14.655 MHz).

## Tx Drive

- ☐ Connect the DC voltmeter to the cathode of D1042 on the Local Unit, and set the **RF PWR** control fully clockwise.
- ☐ Adjust VR1015 on the Local Unit for 3.5 V on the meter.

### Overcurrent ALC Turndown

The *Forward ALC (Max RF Output)* procedure below must be done after this.

- ☐ With the inline wattmeter and 50-Ω dummy load connected to the antenna jack, tune to 21.000 MHz, CW mode.
- ☐ Preset VR1012 on the Local Unit fully clockwise.
- ☐ Key the transmitter and adjust the **RF PWR** control for 140 watts on the wattmeter, and confirm at least 130 watts output on each band.

### Forward ALC (Max RF Output)

Perform the previous procedure, and with the same setup, tune to 14.200 MHz. Key the transmitter and adjust VR1012 on the Local Unit for 110 watts on the wattmeter.

### Ext. Antenna Tuner Tuning Power

- ☐ With the transceiver tuned to 14.200 MHz, CW mode, install a temporary jumper between TP1005 & TP1006 on the Local Unit.
- ☐ With the dummy load and wattmeter on the antenna jack, set the **RF PWR** control fully clockwise.
- ☐ Key the transmitter and adjust VR1010 on the Local Unit for 12 watts on the wattmeter. Then remove the jumper.

### ALC Meter Sensitivity

The Meter Full Scale adjustment must be done before this procedure.

- ☐ With the transceiver tuned to 14.2 MHz, USB mode, inject 3-mV at 1 kHz from the AF generator to the microphone jack (pin 8).
- ☐ Key the transmitter, and adjust the **MIC** gain so the meter, set to ALC, just begins to deflect.

- ❑ Increase the injection level to 7.5 mV, and adjust VR3003 on the Display Unit so that the meter deflects to the top edge of the ALC zone.

### PO Meter Calibration

- ❑ With the wattmeter and dummy load connected to the antenna jack, tune to 14.200 MHz, CW mode, and press the PO meter selector button.
- ❑ Key the transmitter and adjust the **RF PWR** control for 100 watts on the wattmeter. Then adjust VR3001 on the Display Unit so the PO meter also indicates 100 watts.

### Drive

- ❑ Connect the DC voltmeter to the cathode of D1042 on the Local Unit, and set the **RF PWR** control fully clockwise (maximum).
- ❑ Adjust VR1015 on the Local Unit for 3.5 V on the voltmeter.

### Reverse ALC (SWR Turndown)

- ❑ Connect the inline wattmeter and a 16.6- $\Omega$  dummy load (or three 50- $\Omega$ s in parallel) to the antenna jack, and set the **RF PWR** control fully clockwise (maximum).
- ❑ With the transceiver set to the CW mode on 14.200 MHz, key the transmitter and adjust VR1008 on the Local Unit for  $40 \pm 2$  watts on the wattmeter.

### SWR Meter Calibration

- ❑ With the 16.6- $\Omega$  dummy load (or three 50- $\Omega$ s in parallel) connected to the antenna jack, and the **RF PWR** control set fully clockwise (maximum), tune to 3.500 MHz, CW mode, and press the SWR meter selector button.
- ❑ Key the transmitter and adjust VR3002 on the Display Unit so the meter indicates 3.0 SWR.

### SSB Modulator Balance

- ❑ With the transceiver tuned to 14.2 MHz, USB mode, connect the 50-dB attenuator and spectrum analyzer (or 50- $\Omega$  dummy load and sampling coupler) to the antenna jack. Alternatively, a separate receiver can

be used, with the transceiver connected to the dummy load.

- ❑ Set the **MIC** control fully ccw (minimum), key the transmitter, and adjust VR1020 on the Local Unit for minimum power output (carrier leakage, should be less than  $-50$  dB) as indicated on the analyzer or external receiver.

### AM Carrier Level

- ❑ Tune the transceiver to 3.5 MHz, AM mode, and connect the wattmeter and 50- $\Omega$  dummy load to the antenna jack.
- ❑ Set the **RF PWR** control fully ccw (minimum), key the transmitter, and with no modulation, adjust VR1018 on the Local Unit for 5 watts on the wattmeter.
- ❑ Turn the **RF PWR** control fully clockwise, press the ALC meter selector button, key the transmitter and confirm that the ALC meter deflects.

### Speech Processor Check

- ❑ With the wattmeter and dummy load connected to the antenna jack and the **RF PWR** control fully clockwise, tune to 14.200 MHz, USB mode. Inject 2 mV at 1 kHz from the AF generator to the microphone jack.
- ❑ Set the **MIC** gain and **COMP** controls to their 12 o'clock positions, and press the **PROC** button. Then key the transmitter and confirm 100 watts on the wattmeter.

### FM Carrier Frequency

- ❑ With the dummy load connected to the antenna jack, connect the frequency counter to TP2005 on the RF Unit. Tune to 14.200 MHz, FM mode, and set the **RF PWR** control fully ccw (minimum).
- ❑ Key the transmitter and adjust L2082 on the RF Unit for  $70.455 \text{ MHz} \pm 50 \text{ Hz}$  on the counter.

### FM & CTCSS Deviation

- ❑ Connect the attenuator and linear detector to the antenna jack.
- ❑ Tune to 29.200 MHz, FM mode. Select the (default) 88.5-Hz subaudible tone, and

press the **RPT/T** switch to activate CTCSS operation.

- ☐ Key the transmitter and, with no microphone modulation, adjust VR2009 on the RF Unit for  $\pm 0.7$ -kHz deviation ( $\pm 100$  Hz).
- ☐ Inject 10 mV at 1 kHz from the AF generator to pin 8 of the microphone jack, key the transmitter, and adjust VR2008 on the RF Unit for  $\pm 2.3$ -kHz deviation ( $\pm 100$  Hz).
- ☐ Press the **RPT/T** switch again to turn it off.

### FM Mic Gain

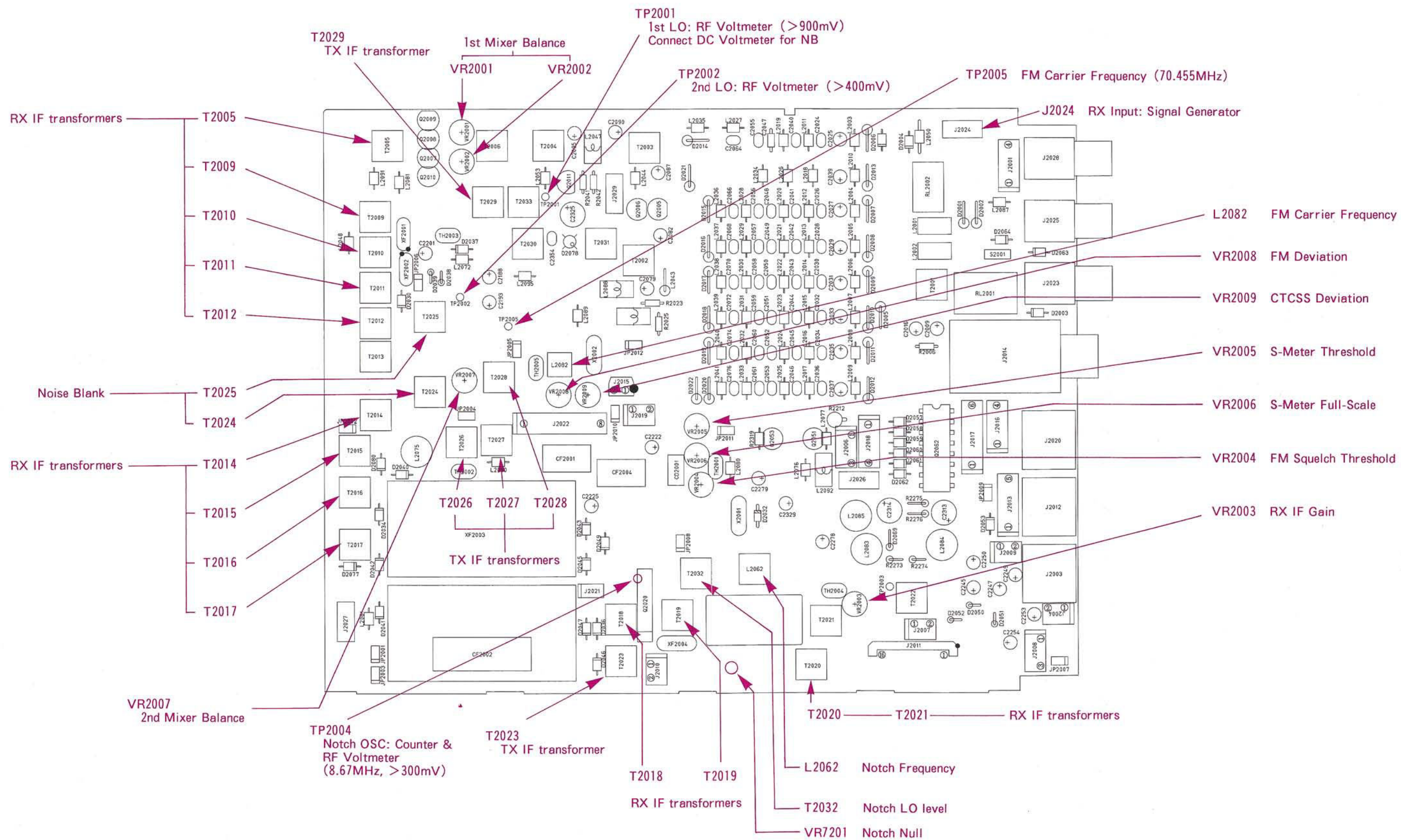
- ☐ With the attenuator and linear detector connected to the antenna jack, and with the transceiver tuned to 29.000 MHz, FM mode, inject 1.5 mV at 1 kHz from the AF generator to pin 8 of the microphone jack.
- ☐ Key the transmitter and adjust VR1022 on the Local Unit for  $\pm 1.75$ -kHz deviation ( $\pm 100$  Hz).

### Transmitter Carrier Point

- ☐ Temporarily solder across split pad JW3001 on the Display Unit.
  - ☐ Connect the AF signal generator to pin 8 of the microphone jack, and set for 3 mV injection at 1 kHz. Set the transceiver to 14.200 MHz, USB mode.
  - ☐ Press the **FAST** and **USB** buttons at the same time to activate the carrier-point-setting mode.
- ☐ Set the **MIC** gain and **RF PWR** controls fully clockwise (maximum), and press the **ALC** meter selector button.
  - ☐ Key the transmitter and adjust the AF injection *frequency* for maximum output power, and then adjust the injection *level* to just above the point where the ALC meter indication no longer rises.
  - ☐ Adjust the **MIC** gain control for 80 watts on the wattmeter.
  - ☐ Tune the AF generator to 370 Hz, and adjust the transceiver frequency so that 20 watts output is obtained.
  - ☐ Unkey the transmitter, press the **USB** mode button, and confirm that the display has returned to normal.
  - ☐ Select LSB mode, and retune, if necessary, to 14.200 MHz. Then press the **FAST** and **USB** buttons at the same time to activate the carrier-point-setting mode again.
  - ☐ Return the **MIC** gain control to maximum position, and return the injection level to 3 mV.
  - ☐ Beginning with the 5th step above ("Key the transmitter..."), repeat the same adjustments while the transmitter is keyed. After unkeying the transmitter, press the **LSB** mode button, and confirm that the display has returned to normal.
  - ☐ Remove the solder from JW3001.

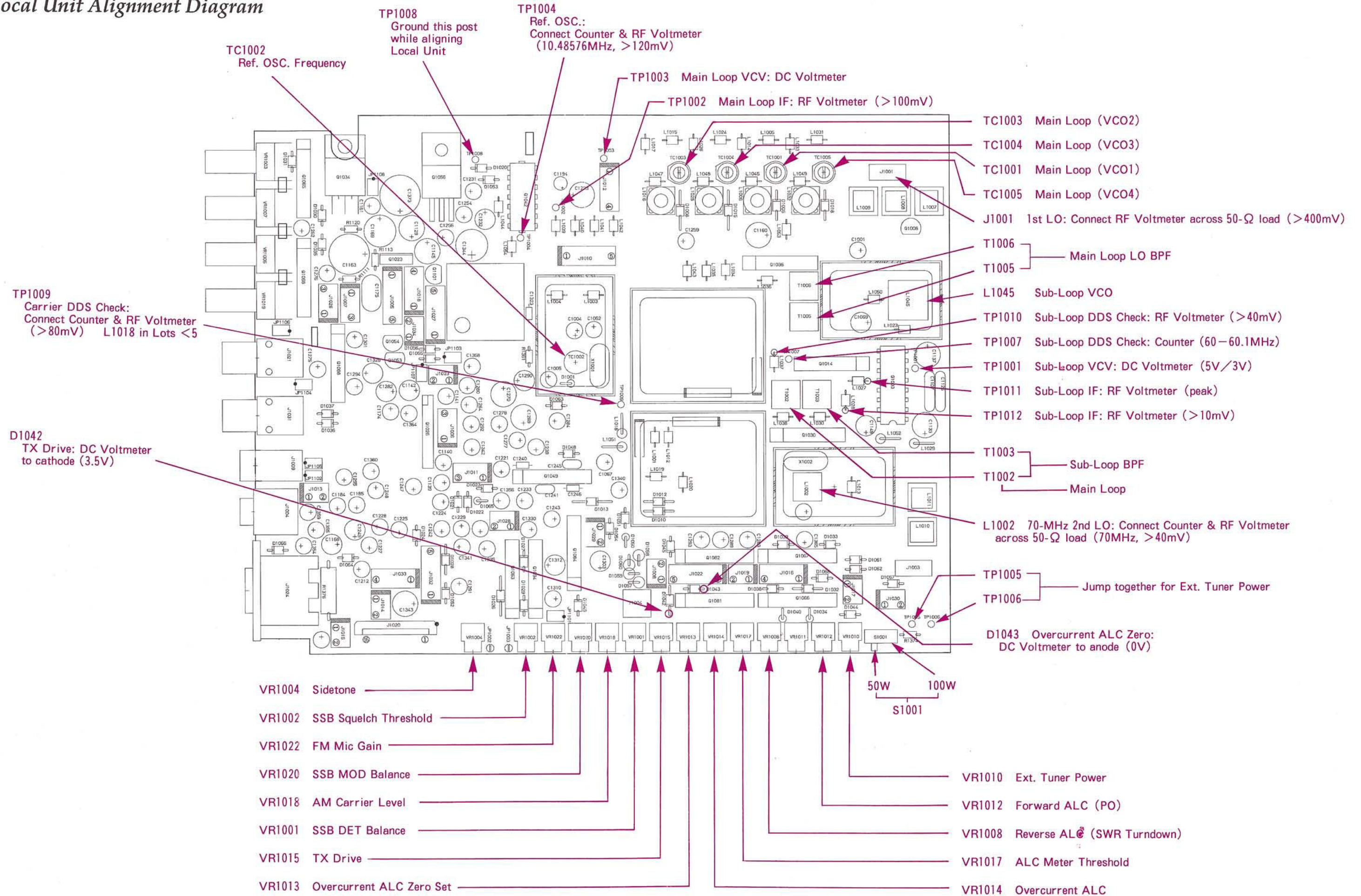


## RF Unit Alignment Diagram

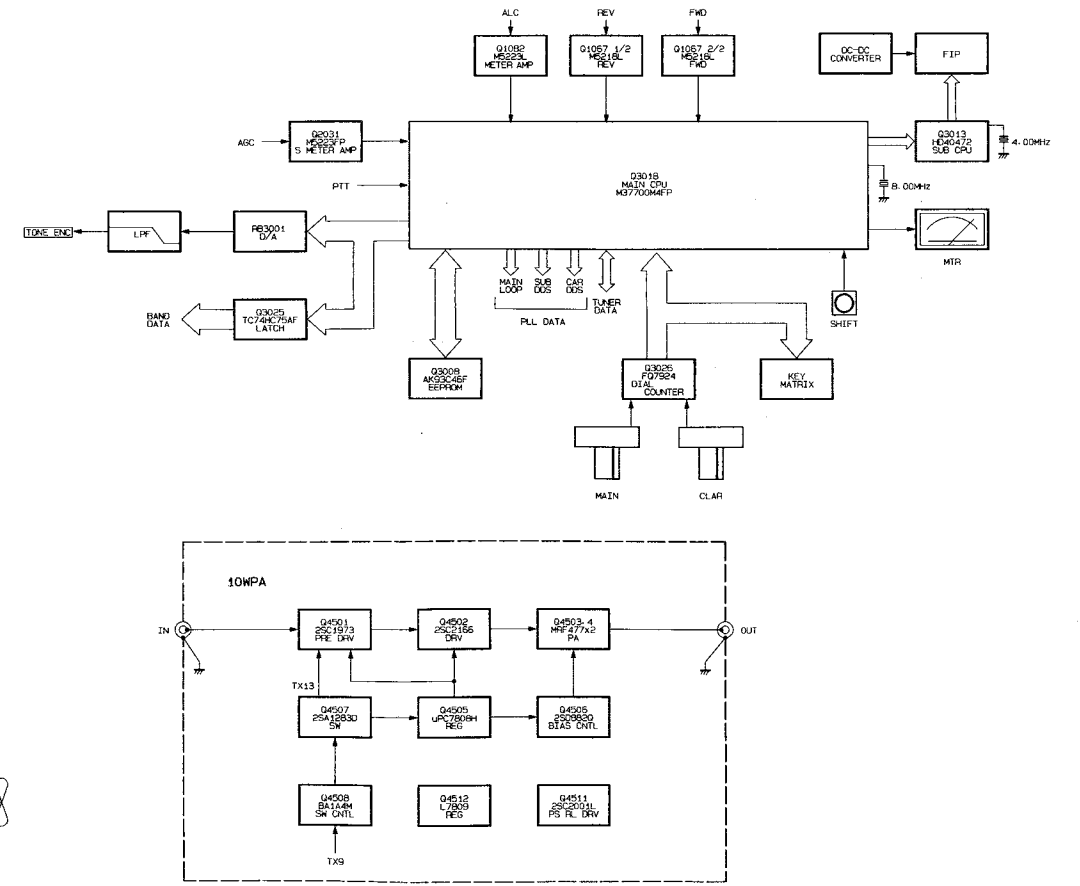
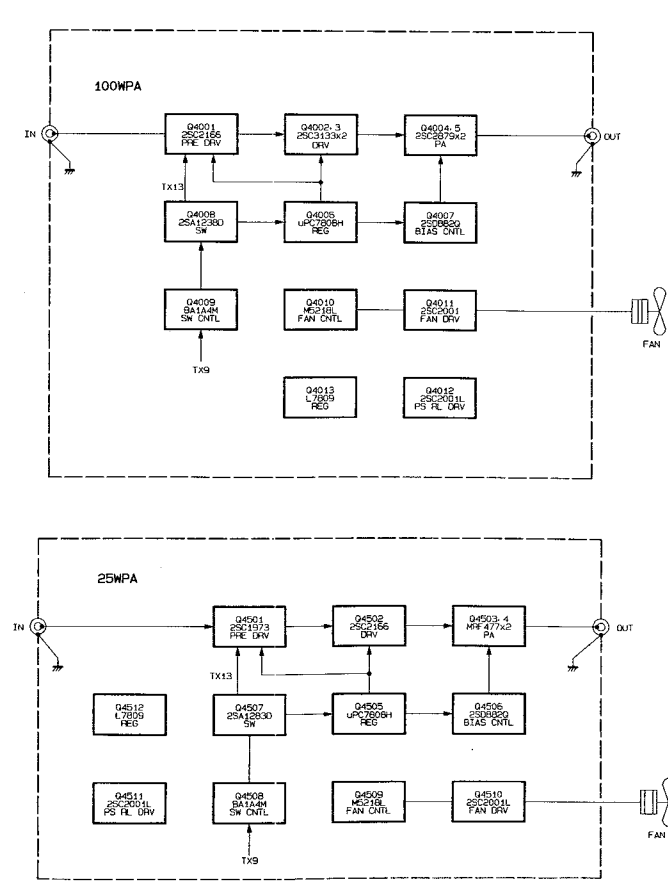
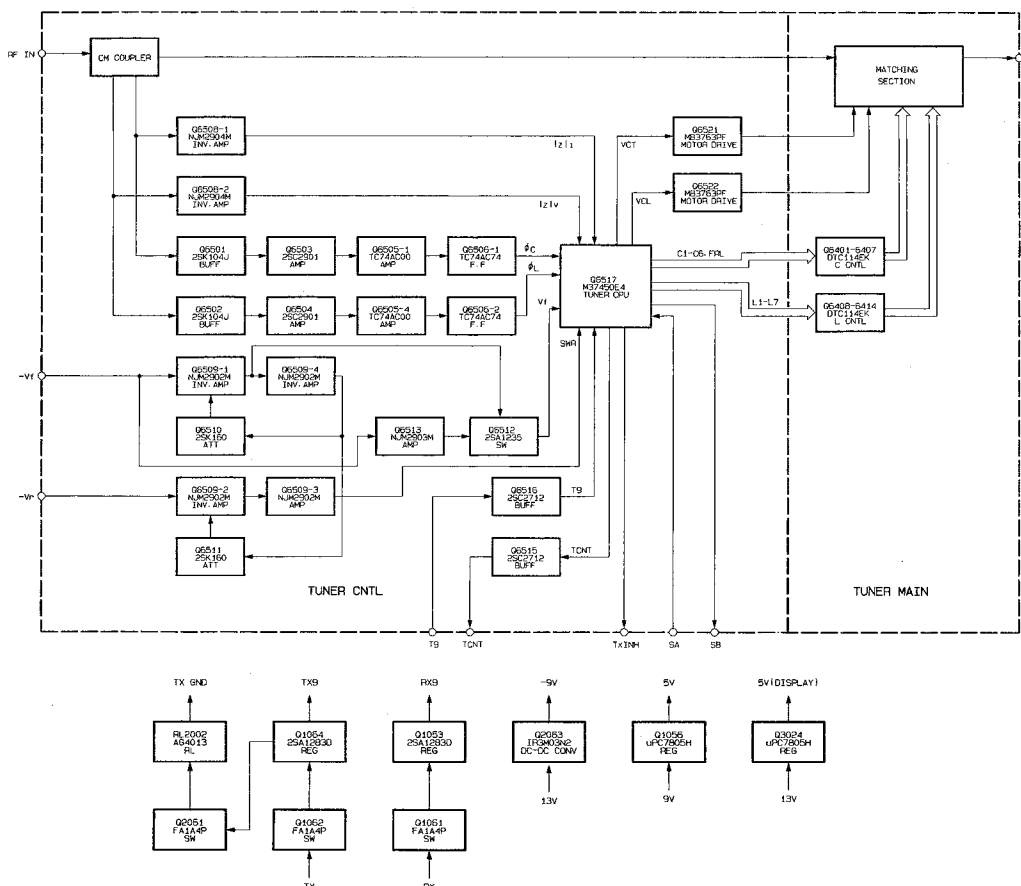
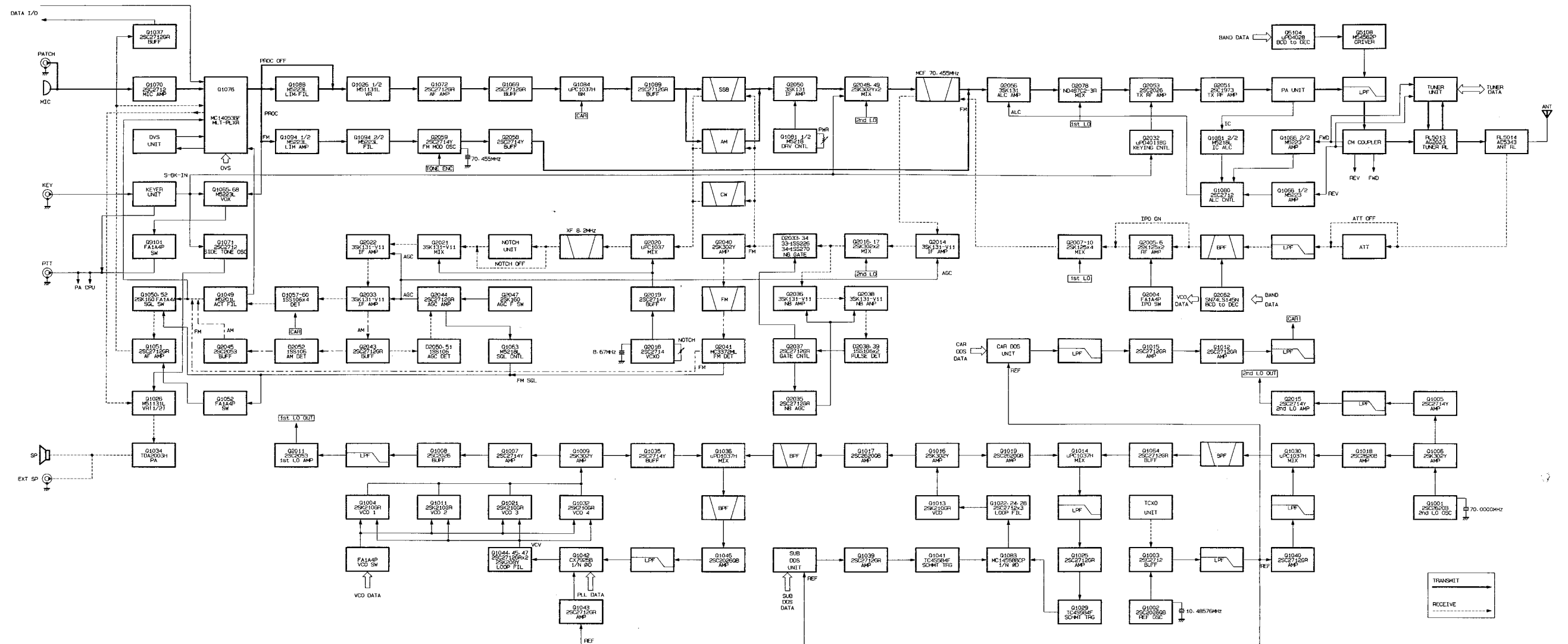




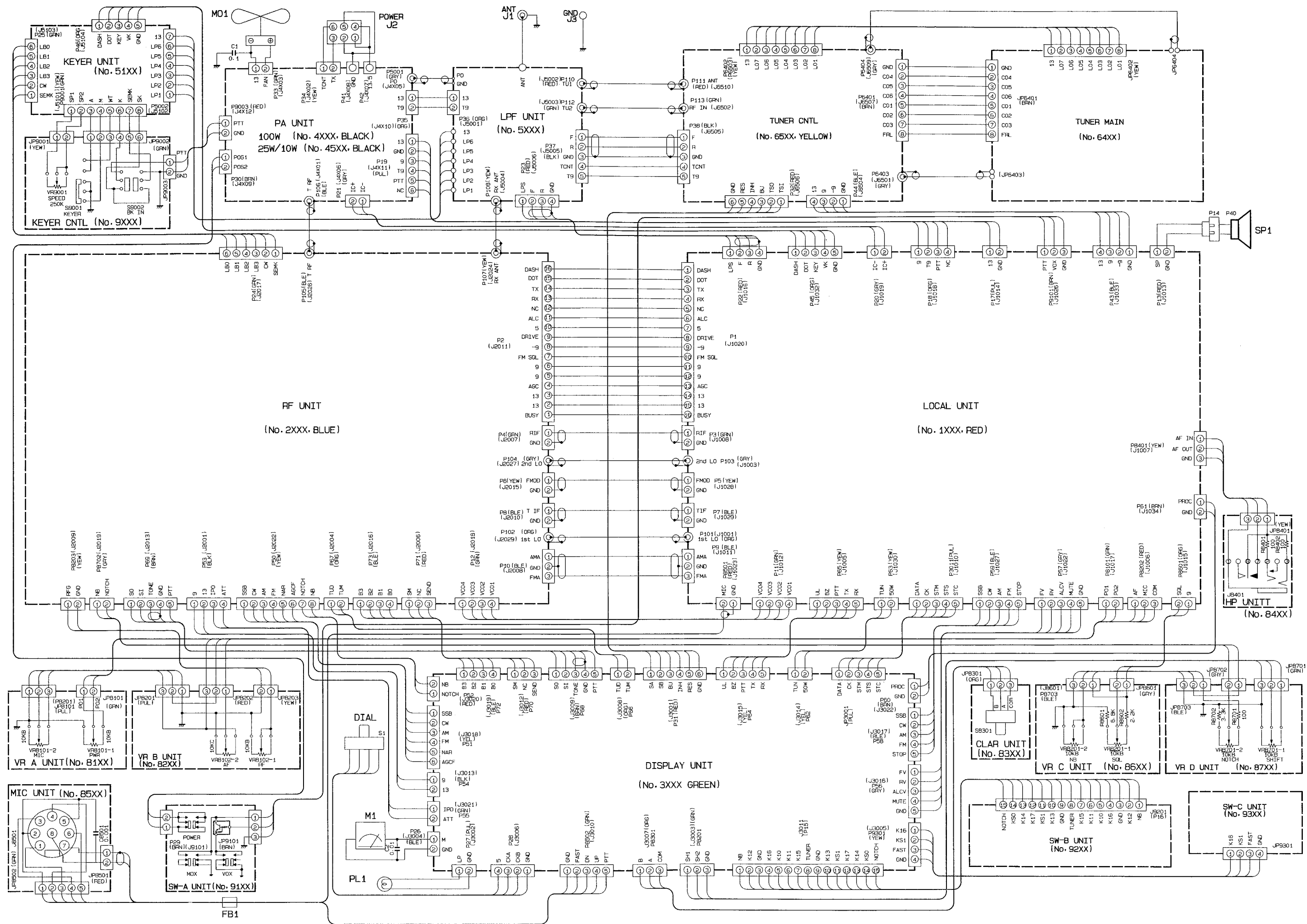
## Local Unit Alignment Diagram



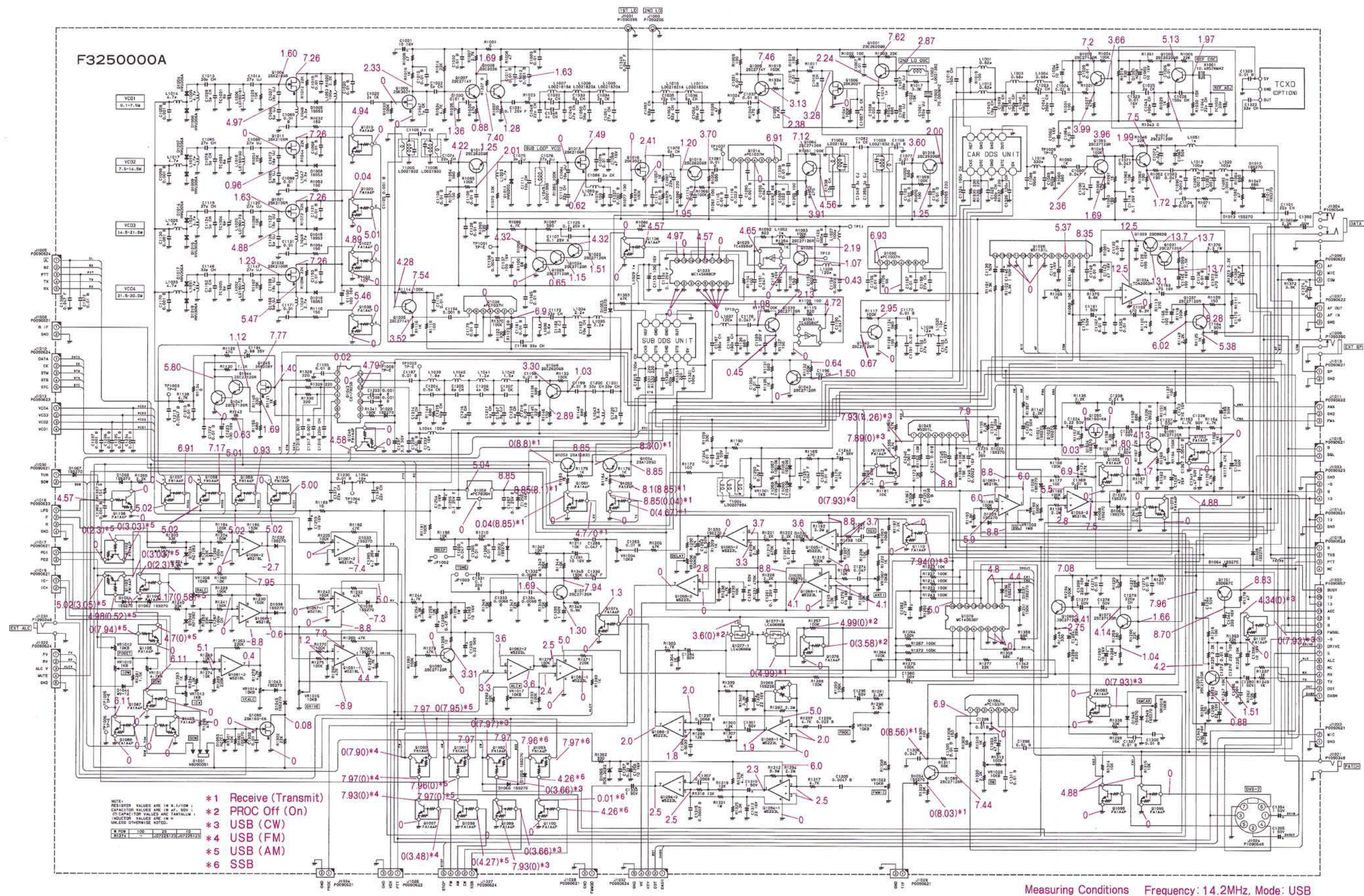
# Block Diagram



## Interconnection Diagram-









2SC2026  
(Q1008)  
2SD667C  
(Q1101)

2SA1283D  
(Q1053,1054)

2SD882Q  
(Q1023)

μPC7805H  
(Q1056)

TDA2003H  
(Q1034)

M5223L  
 $\left( \begin{array}{c} Q1065, 1068, 1082 \\ 1088, 1094 \end{array} \right)$

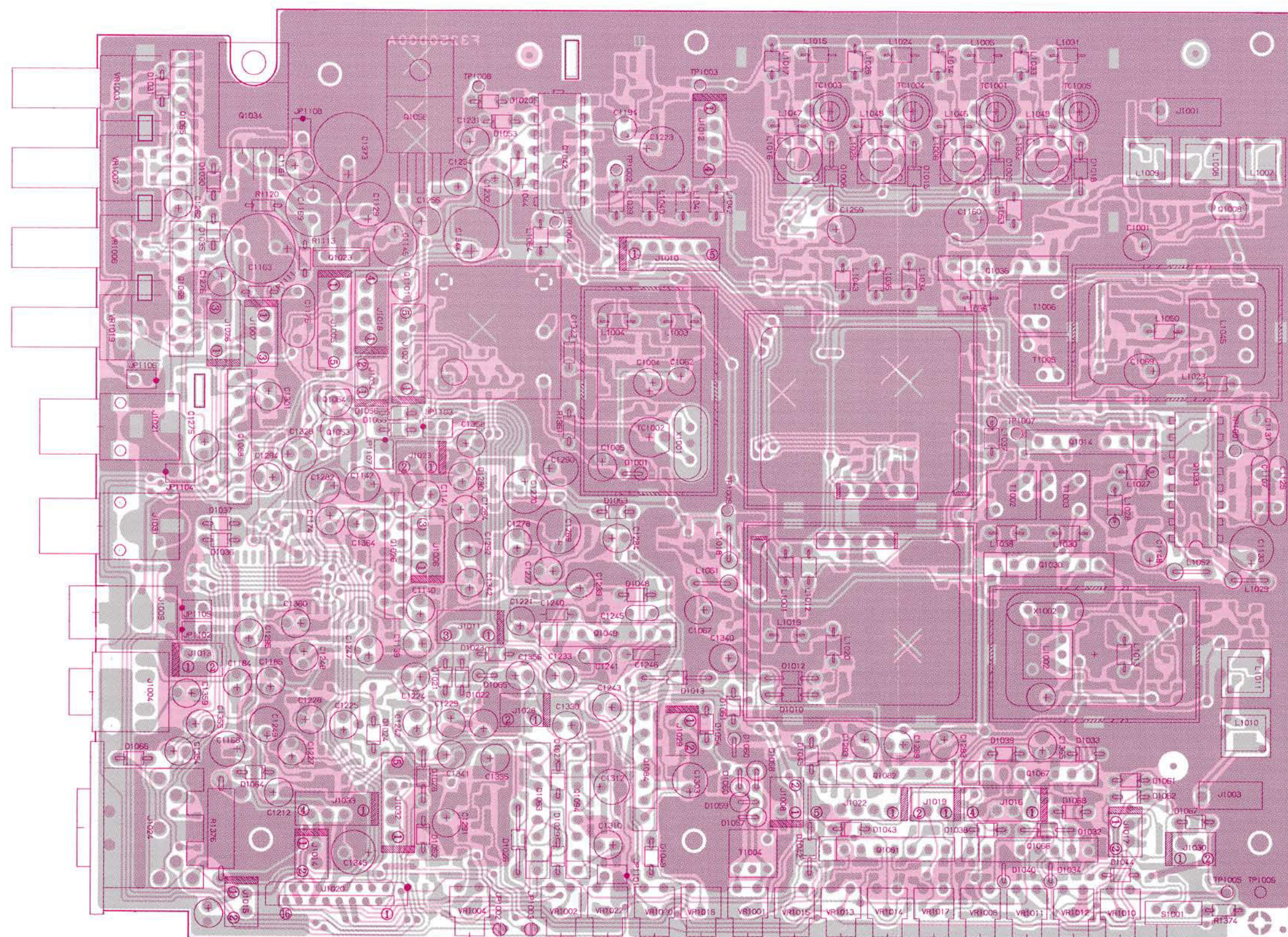
$\mu$ PC1037H  
 ( Q1014.1030.1036 )  
 1084

M5201L  
(Q1049)  
M5218L  
(Q1063,1066,1067)  
1081

M51131L  
(Q1026)

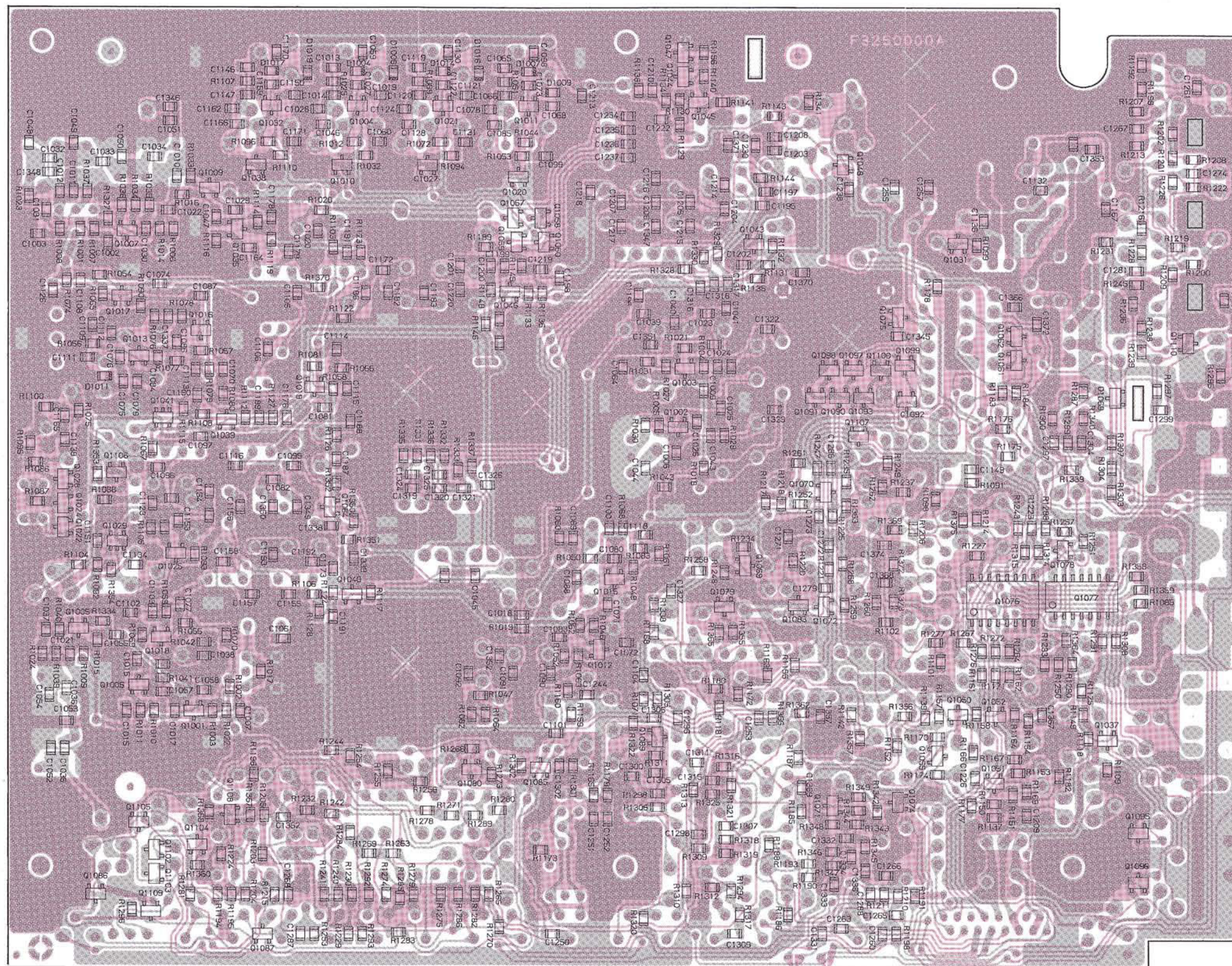
CX-7925B  
(Q1042)

MC14568BCP  
(Q1033)

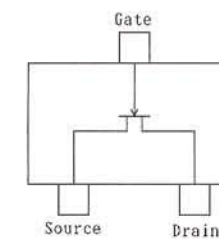
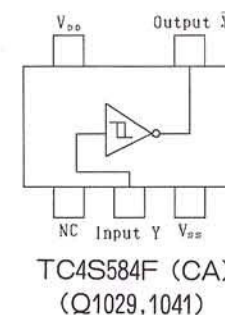
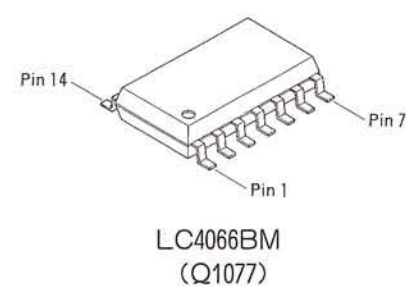
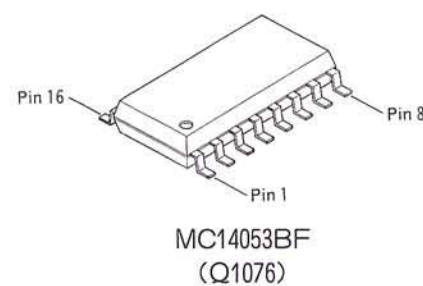


“component” side

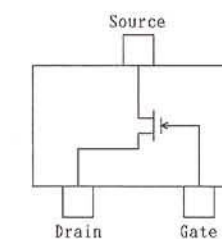




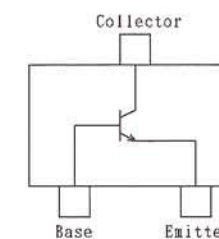
"chip-only" side



2SK160 (K6)  
(Q1050, 1085)  
2SK208Y (JY)  
(Q1045)

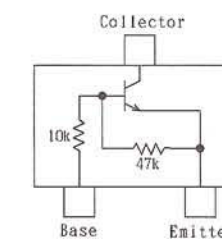


2SK210GR (YG)  
(Q1004, 1011, 1013  
1021, 1032  
2SK302Y (TY)  
(Q1006, 1009, 1016)

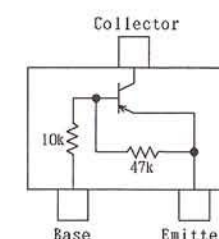


2SC2620QB (QB)  
(Q1001, 1002, 1017  
1018, 1019, 1046  
2SC2712GR (LG)  
(Q1003, 1012, 1015  
1022, 1024, 1025  
1028, 1031, 1037  
1039, 1040, 1043  
1044, 1047, 1051  
1064, 1069, 1070  
1071, 1072, 1080  
1089

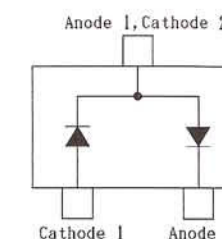
2SC2714Y (JY)  
(Q1005, 1007, 1035)



FA1A4P (L34)  
(Q1010, 1020, 1027  
1038, 1048, 1052  
1055, 1061, 1062  
1074, 1075, 1078  
1079, 1083, 1086  
1087, 1095, 1096  
1097, 1098, 1099  
1100, 1104, 1105  
1106, 1107, 1108  
1109, 1110



FN1A4P (M34)  
(Q1057, 1058, 1059  
1060, 1090, 1091  
1092, 1093, 1102  
1103



1SS226 (C3)  
(D1069)



| REF.               | DESCRIPTION                          | VALUE   | WV  | TOL. | MFGR'S DESIG    | YAESU P/N | VERS.    | Addr |
|--------------------|--------------------------------------|---------|-----|------|-----------------|-----------|----------|------|
| *** LOCAL UNIT *** |                                      |         |     |      |                 |           |          |      |
|                    | PCB W COMP.                          |         |     |      |                 | CA0329002 | PWR 10W  |      |
|                    | PCB W COMP.                          |         |     |      |                 | CA0329003 | PWR 25W  |      |
|                    | PCB W COMP.                          |         |     |      |                 | CA0329004 | PWR 100W |      |
|                    | LOCAL, CAR DDS, SUB DDS UNIT W COMP. |         |     |      |                 | CP3553002 | PWR 10W  |      |
|                    | LOCAL, CAR DDS, SUB DDS UNIT W COMP. |         |     |      |                 | CP3553003 | PWR 25W  |      |
|                    | LOCAL, CAR DDS, SUB DDS UNIT W COMP. |         |     |      |                 | CP3553004 | PWR 100W |      |
|                    | PCB W/O COMP.                        |         |     |      |                 | F3250000A |          |      |
| C 1001             | AL. ELECTRO. CAP.                    | 10uF    | 16V |      | 16V100M4X7TR2   | K46120004 |          |      |
| C 1002             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1003             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1004             | AL. ELECTRO. CAP.                    | 10uF    | 16V |      | 16V100M4X7TR2   | K46120004 |          |      |
| C 1005             | AL. ELECTRO. CAP.                    | 10uF    | 16V |      | 16V100M4X7TR2   | K46120004 |          |      |
| C 1006             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1007             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1009             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1010             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1011             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1012             | CHIP CAP.                            | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |          |      |
| C 1013             | CHIP CAP.                            | 39pF    | 50V | CH   | GRM40CH390J50PT | K22170225 |          |      |
| C 1014             | CHIP CAP.                            | 27pF    | 50V | UJ   | GRM40UJ270J50PT | K22170321 |          |      |
| C 1015             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1016             | CHIP CAP.                            | 5pF     | 50V | CH   | GRM40CH050C50PT | K22170206 |          |      |
| C 1017             | CHIP CAP.                            | 39pF    | 50V | UJ   | GRM40UJ390J50PT | K22170325 |          |      |
| C 1018             | CHIP CAP.                            | 150pF   | 50V | CH   | GRM40CH151J50PT | K22170239 |          |      |
| C 1019             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1020             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1021             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1022             | CHIP CAP.                            | 5pF     | 50V | CH   | GRM40CH050C50PT | K22170206 |          |      |
| C 1023             | CHIP CAP.                            | 82pF    | 50V | CH   | GRM40CH820J50PT | K22170233 |          |      |
| C 1024             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1025             | CHIP CAP.                            | 2pF     | 50V | CK   | GRM40CK020C50PT | K22170203 |          |      |
| C 1026             | CHIP CAP.                            | 150pF   | 50V | CH   | GRM40CH151J50PT | K22170239 |          |      |
| C 1027             | CHIP CAP.                            | 18pF    | 50V | UJ   | GRM40UJ180J50PT | K22170317 |          |      |
| C 1028             | CHIP CAP.                            | 5pF     | 50V | CH   | GRM40CH050C50PT | K22170206 |          |      |
| C 1029             | CHIP CAP.                            | 2pF     | 50V | CK   | GRM40CK020C50PT | K22170203 |          |      |
| C 1030             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1031             | CHIP CAP.                            | 0.1uF   | 25V | F    | GRM40F104Z25PT  | K22141005 |          |      |
| C 1032             | CHIP CAP.                            | 4pF     | 50V | CH   | GRM40CH040C50PT | K22170205 |          |      |
| C 1033             | CHIP CAP.                            | 5pF     | 50V | CH   | GRM40CH050C50PT | K22170206 |          |      |
| C 1034             | CHIP CAP.                            | 2pF     | 50V | CK   | GRM40CK020C50PT | K22170203 |          |      |
| C 1035             | CHIP CAP.                            | 15pF    | 50V | CH   | GRM40CH150J50PT | K22170215 |          |      |
| C 1036             | CHIP CAP.                            | 5pF     | 50V | CH   | GRM40CH050C50PT | K22170206 |          |      |
| C 1037             | CHIP CAP.                            | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |          |      |
| C 1038             | CHIP CAP.                            | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |          |      |
| C 1039             | CHIP CAP.                            | 390pF   | 50V | CH   | GRM40CH391J50PT | K22170249 |          |      |
| C 1040             | CHIP CAP.                            | 390pF   | 50V | CH   | GRM40CH391J50PT | K22170249 |          |      |
| C 1041             | CHIP CAP.                            | 390pF   | 50V | CH   | GRM40CH391J50PT | K22170249 |          |      |
| C 1043             | CHIP CAP.                            | 100pF   | 50V | CH   | GRM40CH101J50PT | K22170235 |          |      |
| C 1044             | CHIP CAP.                            | 22pF    | 50V | CH   | GRM40CH220J50PT | K22170219 |          |      |
| C 1045             | CHIP CAP.                            | 10pF    | 50V | CH   | GRM40CH100D50PT | K22170211 |          |      |
| C 1046             | CHIP CAP.                            | 5pF     | 50V | UJ   | GRM40UJ050C50PT | K22170306 |          |      |
| C 1047             | CHIP CAP.                            | 1pF     | 50V | CK   | GRM40CK010C50PT | K22170202 |          |      |

# Local Unit

| REF.   | DESCRIPTION       | VALUE   | WV  | TOL. | MFGR'S DESIG     | YAESU P/N | VERS. | Addr |
|--------|-------------------|---------|-----|------|------------------|-----------|-------|------|
| C 1048 | CHIP CAP.         | 22pF    | 50V | CH   | GRM40CH220J50PT  | K22170219 |       |      |
| C 1049 | CHIP CAP.         | 47pF    | 50V | CH   | GRM40CH470J50PT  | K22170227 |       |      |
| C 1050 | CHIP CAP.         | 56pF    | 50V | CH   | GRM40CH560J50PT  | K22170229 |       |      |
| C 1051 | CHIP CAP.         | 27pF    | 50V | CH   | GRM40CH270J50PT  | K22170221 |       |      |
| C 1052 | CHIP CAP.         | 68pF    | 50V | CH   | GRM40CH680J50PT  | K22170231 |       |      |
| C 1053 | CHIP CAP.         | 82pF    | 50V | CH   | GRM40CH820J50PT  | K22170233 |       |      |
| C 1054 | CHIP CAP.         | 56pF    | 50V | CH   | GRM40CH560J50PT  | K22170229 |       |      |
| C 1055 | CHIP CAP.         | 2pF     | 50V | CK   | GRM40CK020C50PT  | K22170203 |       |      |
| C 1057 | CHIP CAP.         | 2pF     | 50V | CK   | GRM40CK020C50PT  | K22170203 |       |      |
| C 1058 | CHIP CAP.         | 39pF    | 50V | UJ   | GRM40UJ390J50PT  | K22170325 |       |      |
| C 1059 | CHIP CAP.         | 0.001uF | 50V | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 1060 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1061 | CHIP CAP.         | 150pF   | 50V | UJ   | GRM40UJ151J50PT  | K22170339 |       |      |
| C 1062 | AL. ELECTRO. CAP. | 10uF    | 16V |      | 16V100M4X7TR2    | K46120004 |       |      |
| C 1064 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1065 | CHIP CAP.         | 27pF    | 50V | CH   | GRM40CH270J50PT  | K22170221 |       |      |
| C 1066 | CHIP CAP.         | 27pF    | 50V | UJ   | GRM40UJ270J50PT  | K22170321 |       |      |
| C 1067 | AL. ELECTRO. CAP. | 1uF     | 50V |      | 50V010M4X7TR2    | K46170030 |       |      |
| C 1068 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1069 | AL. ELECTRO. CAP. | 47uF    | 16V |      | RC2-16V470M-T34  | K46120010 |       |      |
| C 1070 | CHIP CAP.         | 6pF     | 50V | CH   | GRM40CH060D50PT  | K22170207 |       |      |
| C 1071 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT   | K22171008 |       |      |
| C 1072 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT   | K22171008 |       |      |
| C 1073 | CHIP CAP.         | 18pF    | 50V | UJ   | GRM40UJ180J50PT  | K22170317 |       |      |
| C 1074 | CHIP CAP.         | 22pF    | 50V | CH   | GRM40CH220J50PT  | K22170219 |       |      |
| C 1075 | CHIP CAP.         | 3pF     | 50V | CJ   | GRM40CJ030C50PT  | K22170204 |       |      |
| C 1076 | CHIP CAP.         | 27pF    | 50V | UJ   | GRM40UJ270J50PT  | K22170321 |       |      |
| C 1077 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1078 | CHIP CAP.         | 5pF     | 50V | CH   | GRM40CH050C50PT  | K22170206 |       |      |
| C 1079 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1080 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT   | K22171008 |       |      |
| C 1081 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1082 | CHIP CAP.         | 1pF     | 50V | CK   | GRM40CK010C50PT  | K22170202 |       |      |
| C 1083 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT   | K22171008 |       |      |
| C 1084 | CHIP CAP.         | 18pF    | 50V | UJ   | GRM40UJ180J50PT  | K22170317 |       |      |
| C 1085 | CHIP CAP.         | 5pF     | 50V | UJ   | GRM40UJ050C50PT  | K22170306 |       |      |
| C 1086 | CHIP CAP.         | 2pF     | 50V | CK   | GRM40CK020C50PT  | K22170203 |       |      |
| C 1087 | CHIP CAP.         | 22pF    | 50V | CH   | GRM40CH220J50PT  | K22170219 |       |      |
| C 1088 | CHIP CAP.         | 560pF   | 50V | B    | GRM40B561M50PT   | K22170802 |       |      |
| C 1089 | CHIP CAP.         | 560pF   | 50V | B    | GRM40B561M50PT   | K22170802 |       |      |
| C 1090 | CHIP CAP.         | 0.0012  | 50V | B    | GRM40B122M50PT   | K22170806 |       |      |
| C 1091 | CHIP CAP.         | 0.0012  | 50V | B    | GRM40B122M50PT   | K22170806 |       |      |
| C 1092 | CHIP CAP.         | 0.0012  | 50V | B    | GRM40B122M50PT   | K22170806 |       |      |
| C 1095 | CHIP CAP.         | 0.001uF | 50V | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 1096 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT   | K22171008 |       |      |
| C 1097 | CHIP CAP.         | 0.022uF | 50V | B    | GRM40B223M50PT   | K22170821 |       |      |
| C 1098 | CHIP CAP.         | 0.001uF | 50V | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 1099 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1100 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT   | K22171008 |       |      |
| C 1101 | CHIP CAP.         | 22pF    | 50V | CH   | GRM40CH220J50PT  | K22170219 |       |      |
| C 1102 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1103 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1104 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1105 | CHIP CAP.         | 0.001uF | 50V | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 1106 | CHIP CAP.         | 1pF     | 50V | CK   | GRM40CK010C50PT  | K22170202 |       |      |
| C 1107 | CERAMIC CAP.      | 0.1uF   | 25V | X    | UAT10X104K-L45AE | K19149025 |       |      |



| REF.   | DESCRIPTION       | VALUE    | WV   | TOL. | MFGR'S DESIG     | YAESU P/N | VERS. | Addr |
|--------|-------------------|----------|------|------|------------------|-----------|-------|------|
| C 1108 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1109 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1111 | CHIP CAP.         | 10pF     | 50V  | CH   | GRM40CH100D50PT  | K22170211 |       |      |
| C 1112 | CHIP CAP.         | 22pF     | 50V  | CH   | GRM40CH220J50PT  | K22170219 |       |      |
| C 1113 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1114 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1115 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1116 | CHIP CAP.         | 0.022uF  | 50V  | B    | GRM40B223M50PT   | K22170821 |       |      |
| C 1118 | CHIP CAP.         | 0.1uF    | 25V  | F    | GRM40F104Z25PT   | K22141005 |       |      |
| C 1119 | CHIP CAP.         | 27pF     | 50V  | CH   | GRM40CH270J50PT  | K22170221 |       |      |
| C 1120 | CHIP CAP.         | 27pF     | 50V  | UJ   | GRM40UJ270J50PT  | K22170321 |       |      |
| C 1121 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1122 | CHIP CAP.         | 18pF     | 50V  | UJ   | GRM40UJ180J50PT  | K22170317 |       |      |
| C 1123 | CHIP CAP.         | 560pF    | 50V  | B    | GRM40B561M50PT   | K22170802 |       |      |
| C 1124 | CHIP CAP.         | 5pF      | 50V  | CH   | GRM40CH050C50PT  | K22170206 |       |      |
| C 1125 | CERAMIC CAP.      | 0.1uF    | 25V  | X    | UAT10X104K-L45AE | K19149025 |       |      |
| C 1126 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1128 | CHIP CAP.         | 5pF      | 50V  | UJ   | GRM40UJ050C50PT  | K22170306 |       |      |
| C 1129 | AL. ELECTRO. CAP. | 100uF    | 16V  |      | 16V101M6X7TR2    | K46120007 |       |      |
| C 1130 | CHIP CAP.         | 0.001uF  | 50V  | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 1131 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1132 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1133 | AL. ELECTRO. CAP. | 100uF    | 16V  |      | 16V101M6X7TR2    | K46120007 |       |      |
| C 1134 | CHIP CAP.         | 0.1uF    | 25V  | F    | GRM40F104Z25PT   | K22141005 |       |      |
| C 1136 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1137 | AL. ELECTRO. CAP. | 100uF    | 16V  |      | 16V101M6X7TR2    | K46120007 |       |      |
| C 1138 | CHIP CAP.         | 0.0047uF | 50V  | B    | GRM40B472M50PT   | K22170813 |       |      |
| C 1139 | AL. ELECTRO. CAP. | 1uF      | 50V  |      | 50V010M4X7TR2    | K46170030 |       |      |
| C 1140 | AL. ELECTRO. CAP. | 1uF      | 50V  |      | 50V010M4X7TR2    | K46170030 |       |      |
| C 1141 | AL. ELECTRO. CAP. | 10uF     | 16V  |      | 16V100M4X7TR2    | K46120004 |       |      |
| C 1142 | AL. ELECTRO. CAP. | 47uF     | 16V  |      | RC2-16V470M-T34  | K46120010 |       |      |
| C 1145 | AL. ELECTRO. CAP. | 100uF    | 16V  |      | 16V101M6X7TR2    | K46120007 |       |      |
| C 1146 | CHIP CAP.         | 33pF     | 50V  | CH   | GRM40CH330J50PT  | K22170223 |       |      |
| C 1147 | CHIP CAP.         | 27pF     | 50V  | UJ   | GRM40UJ270J50PT  | K22170321 |       |      |
| C 1148 | AL. ELECTRO. CAP. | 47uF     | 16V  |      | RC2-16V470M-T34  | K46120010 |       |      |
| C 1149 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1150 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1151 | CHIP CAP.         | 0.047uF  | 50V  | F    | GRM40F473Z50PT   | K22171008 |       |      |
| C 1153 | CHIP CAP.         | 0.0022uF | 50V  | B    | GRM40B222M50PT   | K22170809 |       |      |
| C 1154 | CHIP CAP.         | 0.0022uF | 50V  | B    | GRM40B222M50PT   | K22170809 |       |      |
| C 1155 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1156 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1157 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1158 | CHIP CAP.         | 27pF     | 50V  | CH   | GRM40CH270J50PT  | K22170221 |       |      |
| C 1159 | CHIP CAP.         | 18pF     | 50V  | UJ   | GRM40UJ180J50PT  | K22170317 |       |      |
| C 1160 | AL. ELECTRO. CAP. | 100uF    | 16V  |      | 16V101M6X7TR2    | K46120007 |       |      |
| C 1161 | AL. ELECTRO. CAP. | 1uF      | 50V  |      | 50V010M4X7TR2    | K46170030 |       |      |
| C 1162 | CHIP CAP.         | 5pF      | 50V  | CH   | GRM40CH050C50PT  | K22170206 |       |      |
| C 1163 | AL. ELECTRO. CAP. | 470uF    | 16V  |      | RE2-16V471M      | K40129049 |       |      |
| C 1164 | CHIP CAP.         | 0.001uF  | 50V  | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 1165 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1166 | CHIP CAP.         | 5pF      | 50V  | UJ   | GRM40UJ050C50PT  | K22170306 |       |      |
| C 1167 | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 1168 | AL. ELECTRO. CAP. | 100uF    | 10V  |      | 10V101M5X11TR5   | K46100004 |       |      |
| C 1169 | AL. ELECTRO. CAP. | 470uF    | 6.3V |      | RE2-6V471M       | K40089025 |       |      |
| C 1170 | CHIP CAP.         | 0.001uF  | 50V  | B    | GRM40B102M50PT   | K22170805 |       |      |

# Local Unit

| REF.   | DESCRIPTION       | VALUE    | WV  | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|--------|-------------------|----------|-----|------|-----------------|-----------|-------|------|
| C 1171 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1172 | CHIP CAP.         | 33pF     | 50V | CH   | GRM40CH330J50PT | K22170223 |       |      |
| C 1173 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1174 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1175 | FILM CAP.         | 0.1      | 50V |      | 50F2U104M       | K50177104 |       |      |
| C 1176 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 1178 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1179 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1181 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1182 | CHIP CAP.         | 3pF      | 50V | CJ   | GRM40CJ030C50PT | K22170204 |       |      |
| C 1183 | CHIP CAP.         | 10pF     | 50V | CH   | GRM40CH100D50PT | K22170211 |       |      |
| C 1184 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1185 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1186 | CHIP CAP.         | 33pF     | 50V | CH   | GRM40CH330J50PT | K22170223 |       |      |
| C 1187 | CHIP CAP.         | 180pF    | 50V | CH   | GRM40CH181J50PT | K22170241 |       |      |
| C 1188 | CHIP CAP.         | 180pF    | 50V | CH   | GRM40CH181J50PT | K22170241 |       |      |
| C 1189 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 1190 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 1191 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1192 | CHIP CAP.         | 27pF     | 50V | CH   | GRM40CH270J50PT | K22170221 |       |      |
| C 1193 | CHIP CAP.         | 47pF     | 50V | CH   | GRM40CH470J50PT | K22170227 |       |      |
| C 1194 | TANTALUM CAP.     | 0.68uF   | 35V |      | DN1VR68M1S      | K70167684 |       |      |
| C 1195 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1196 | CHIP CAP.         | 10pF     | 50V | CH   | GRM40CH100D50PT | K22170211 |       |      |
| C 1197 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1198 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1199 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1200 | CHIP CAP.         | 33pF     | 50V | CH   | GRM40CH330J50PT | K22170223 |       |      |
| C 1201 | CHIP CAP.         | 33pF     | 50V | CH   | GRM40CH330J50PT | K22170223 |       |      |
| C 1202 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1203 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 1204 | CHIP CAP.         | 0.5pF    | 50V | CK   | GRM40CK0R5C50PT | K22170201 |       |      |
| C 1205 | CHIP CAP.         | 6pF      | 50V | CH   | GRM40CH060D50PT | K22170207 |       |      |
| C 1206 | CHIP CAP.         | 4pF      | 50V | CH   | GRM40CH040C50PT | K22170205 |       |      |
| C 1207 | CHIP CAP.         | 2pF      | 50V | CK   | GRM40CK020C50PT | K22170203 |       |      |
| C 1208 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 1209 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1210 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1212 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 1213 | CHIP CAP.         | 0.0047uF | 50V | B    | GRM40B472M50PT  | K22170813 |       |      |
| C 1214 | CHIP CAP.         | 6pF      | 50V | CH   | GRM40CH060D50PT | K22170207 |       |      |
| C 1215 | CHIP CAP.         | 10pF     | 50V | CH   | GRM40CH100D50PT | K22170211 |       |      |
| C 1216 | CHIP CAP.         | 6pF      | 50V | CH   | GRM40CH060D50PT | K22170207 |       |      |
| C 1217 | CHIP CAP.         | 4pF      | 50V | CH   | GRM40CH040C50PT | K22170205 |       |      |
| C 1218 | CHIP CAP.         | 4pF      | 50V | CH   | GRM40CH040C50PT | K22170205 |       |      |
| C 1219 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1220 | CHIP CAP.         | 3pF      | 50V | CJ   | GRM40CJ030C50PT | K22170204 |       |      |
| C 1221 | AL. ELECTRO. CAP. | 2.2uF    | 50V |      | 50V2R2M4X7TR2   | K46170031 |       |      |
| C 1222 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1223 | AL. ELECTRO. CAP. | 100uF    | 16V |      | 16V101M6X7TR2   | K46120007 |       |      |
| C 1224 | AL. ELECTRO. CAP. | 0.22uF   | 50V |      | 50VR22M4X7TR2   | K46170027 |       |      |
| C 1225 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1226 | CHIP CAP.         | 0.0022uF | 50V | B    | GRM40B222M50PT  | K22170809 |       |      |
| C 1227 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1228 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1229 | AL. ELECTRO. CAP. | 2.2uF    | 50V |      | 50V2R2M4X7TR2   | K46170031 |       |      |



| REF.   | DESCRIPTION       | VALUE    | WV  | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|--------|-------------------|----------|-----|------|-----------------|-----------|-------|------|
| C 1230 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1231 | AL. ELECTRO. CAP. | 3.3uF    | 50V |      | 50V3R3M4X7TR2   | K46170032 |       |      |
| C 1232 | AL. ELECTRO. CAP. | 47uF     | 16V |      | RC2-16V470M-T34 | K46120010 |       |      |
| C 1233 | AL. ELECTRO. CAP. | 4.7uF    | 35V |      | 35V4R7M4X7TR2   | K46160004 |       |      |
| C 1234 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 1235 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 1236 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 1237 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 1238 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1239 | AL. ELECTRO. CAP. | 2.2uF    | 50V |      | 50V2R2M4X7TR2   | K46170031 |       |      |
| C 1240 | CERAMIC CAP.      | 0.001uF  | 50V | B    | UP050B102K-A-B  | K28179001 |       |      |
| C 1241 | FILM CAP.         | 0.018    | 50V |      | 50F2D183M       | K50170025 |       |      |
| C 1243 | AL. ELECTRO. CAP. | 4.7uF    | 35V |      | 35V4R7M4X7TR2   | K46160004 |       |      |
| C 1244 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1245 | FILM CAP.         | 0.027    | 50V |      | 50F2D273M       | K50170024 |       |      |
| C 1246 | CERAMIC CAP.      | 0.0022uF | 16V | X    | EP050X222M-A-B  | K28129003 |       |      |
| C 1247 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1248 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1249 | AL. ELECTRO. CAP. | 47uF     | 16V |      | RC2-16V470M-T34 | K46120010 |       |      |
| C 1250 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 1251 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 1252 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1253 | CHIP CAP.         | 0.0068uF | 50V | B    | GRM40B682M50PT  | K22170815 |       |      |
| C 1254 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 1255 | CHIP CAP.         | 0.1uF    | 25V | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 1256 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 1257 | CHIP CAP.         | 0.1uF    | 25V | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 1259 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 1260 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 1261 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 1262 | AL. ELECTRO. CAP. | 2.2uF    | 50V |      | 50V2R2M4X7TR2   | K46170031 |       |      |
| C 1263 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1264 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1265 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1266 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1267 | CHIP CAP.         | 0.1uF    | 25V | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 1268 | CHIP CAP.         | 100pF    | 50V | CH   | GRM40CH101J50PT | K22170235 |       |      |
| C 1269 | AL. ELECTRO. CAP. | 220uF    | 10V |      | 10V221M6X11TR5  | K46100005 |       |      |
| C 1270 | AL. ELECTRO. CAP. | 220uF    | 10V |      | 10V221M6X11TR5  | K46100005 |       |      |
| C 1271 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1272 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1273 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1274 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 1275 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1276 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 1277 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1278 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1279 | CHIP CAP.         | 220pF    | 50V | CH   | GRM40CH221J50PT | K22170243 |       |      |
| C 1280 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1281 | CHIP CAP.         | 0.1uF    | 25V | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 1282 | AL. ELECTRO. CAP. | 47uF     | 16V |      | RC2-16V470M-T34 | K46120010 |       |      |
| C 1283 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 1284 | AL. ELECTRO. CAP. | 4.7uF    | 35V |      | 35V4R7M4X7TR2   | K46160004 |       |      |
| C 1286 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 1287 | CHIP CAP.         | 100pF    | 50V | CH   | GRM40CH101J50PT | K22170235 |       |      |
| C 1288 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |

# Local Unit

| REF.   | DESCRIPTION       | VALUE    | WV  | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|--------|-------------------|----------|-----|------|-----------------|-----------|-------|------|
| C 1289 | AL. ELECTRO. CAP. | 0.47uF   | 50V |      | 50VR47M4X7TR2   | K46170029 |       |      |
| C 1290 | AL. ELECTRO. CAP. | 22uF     | 16V |      | 16V220M5X7TR2   | K46120005 |       |      |
| C 1291 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 1292 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 1293 | AL. ELECTRO. CAP. | 0.22uF   | 50V |      | 50VR22M4X7TR2   | K46170027 |       |      |
| C 1294 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1295 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1296 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1297 | CHIP CAP.         | 0.0068uF | 50V | B    | GRM40B682M50PT  | K22170815 |       |      |
| C 1298 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1299 | CHIP CAP.         | 0.022uF  | 50V | B    | GRM40B223M50PT  | K22170821 |       |      |
| C 1300 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1301 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1302 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1303 | AL. ELECTRO. CAP. | 47uF     | 16V |      | RC2-16V470M-T34 | K46120010 |       |      |
| C 1304 | CHIP CAP.         | 0.0033uF | 50V | B    | GRM40B332M50PT  | K22170811 |       |      |
| C 1305 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1306 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 1307 | CHIP CAP.         | 0.0068uF | 50V | B    | GRM40B682M50PT  | K22170815 |       |      |
| C 1309 | CHIP CAP.         | 0.0047uF | 50V | B    | GRM40B472M50PT  | K22170813 |       |      |
| C 1310 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1311 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1312 | AL. ELECTRO. CAP. | 22uF     | 16V |      | 16V220M5X7TR2   | K46120005 |       |      |
| C 1315 | CHIP CAP.         | 0.0033uF | 50V | B    | GRM40B332M50PT  | K22170811 |       |      |
| C 1316 | CHIP CAP.         | 220pF    | 50V | CH   | GRM40CH221J50PT | K22170243 |       |      |
| C 1317 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 1318 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 1319 | CHIP CAP.         | 100pF    | 50V | CH   | GRM40CH101J50PT | K22170235 |       |      |
| C 1320 | CHIP CAP.         | 100pF    | 50V | CH   | GRM40CH101J50PT | K22170235 |       |      |
| C 1321 | CHIP CAP.         | 100pF    | 50V | CH   | GRM40CH101J50PT | K22170235 |       |      |
| C 1322 | CHIP CAP.         | 33pF     | 50V | CH   | GRM40CH330J50PT | K22170223 |       |      |
| C 1323 | CERAMIC CAP.      | 0.01uF   | 16V | Y    | EP050Y103N-A    | K28129001 |       |      |
| C 1324 | CHIP CAP.         | 100pF    | 50V | CH   | GRM40CH101J50PT | K22170235 |       |      |
| C 1325 | CHIP CAP.         | 100pF    | 50V | CH   | GRM40CH101J50PT | K22170235 |       |      |
| C 1326 | CHIP CAP.         | 100pF    | 50V | CH   | GRM40CH101J50PT | K22170235 |       |      |
| C 1327 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1328 | AL. ELECTRO. CAP. | 22uF     | 16V |      | 16V220M5X7TR2   | K46120005 |       |      |
| C 1329 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1330 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1331 | CHIP CAP.         | 0.1uF    | 25V | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 1332 | CHIP CAP.         | 0.0068uF | 50V | B    | GRM40B682M50PT  | K22170815 |       |      |
| C 1333 | CHIP CAP.         | 0.0068uF | 50V | B    | GRM40B682M50PT  | K22170815 |       |      |
| C 1334 | CHIP CAP.         | 0.0068uF | 50V | B    | GRM40B682M50PT  | K22170815 |       |      |
| C 1335 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1336 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 1337 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 1338 | CHIP CAP.         | 10pF     | 50V | CH   | GRM40CH100D50PT | K22170211 |       |      |
| C 1339 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1340 | AL. ELECTRO. CAP. | 3.3uF    | 50V |      | 50V3R3M4X7TR2   | K46170032 |       |      |
| C 1341 | AL. ELECTRO. CAP. | 0.47uF   | 50V |      | 50VR47M4X7TR2   | K46170029 |       |      |
| C 1342 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1343 | AL. ELECTRO. CAP. | 100uF    | 16V |      | 16V101M6X7TR2   | K46120007 |       |      |
| C 1344 | AL. ELECTRO. CAP. | 330uF    | 16V |      | 16V331M8X11TR5  | K46120002 |       |      |
| C 1345 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1346 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 1347 | CHIP CAP.         | 3pF      | 50V | CJ   | GRM40CJ030C50PT | K22170204 |       |      |



| REF.   | DESCRIPTION       | VALUE    | WV  | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|--------|-------------------|----------|-----|------|-----------------|-----------|-------|------|
| C 1348 | CHIP CAP.         | 4pF      | 50V | CH   | GRM40CH040C50PT | K22170205 |       |      |
| C 1349 | CHIP CAP.         | 3pF      | 50V | CJ   | GRM40CJ030C50PT | K22170204 |       |      |
| C 1350 | CHIP CAP.         | 3pF      | 50V | CJ   | GRM40CJ030C50PT | K22170204 |       |      |
| C 1351 | CHIP CAP.         | 390pF    | 50V | CH   | GRM40CH391J50PT | K22170249 |       |      |
| C 1352 | CHIP CAP.         | 0.0012   | 50V | B    | GRM40B122M50PT  | K22170806 |       |      |
| C 1353 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1354 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1355 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1356 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 1357 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1358 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 1359 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1360 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1362 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 1364 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 1365 | AL. ELECTRO. CAP. | 4.7uF    | 35V |      | 35V4R7M4X7TR2   | K46160004 |       |      |
| C 1366 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 1367 | CHIP CAP.         | 0.0047uF | 50V | B    | GRM40B472M50PT  | K22170813 |       |      |
| C 1368 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 1369 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1370 | CHIP CAP.         | 22pF     | 50V | CH   | GRM40CH220J50PT | K22170219 |       |      |
| C 1371 | CHIP CAP.         | 22pF     | 50V | CH   | GRM40CH220J50PT | K22170219 |       |      |
| C 1372 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 1373 | AL. ELECTRO. CAP. | 470uF    | 16V |      | RE2-16V471M     | K40129049 |       |      |
| C 1374 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| D 1001 | DIODE             |          |     |      | HZ5B            | G2090242  |       |      |
| D 1004 | DIODE             |          |     |      | HVU306A5TRF     | G2070132  |       |      |
| D 1005 | DIODE             |          |     |      | 1SS53T1         | G2060002  |       |      |
| D 1006 | DIODE             |          |     |      | HVU306A5TRF     | G2070132  |       |      |
| D 1007 | DIODE             |          |     |      | HVU306A5TRF     | G2070132  |       |      |
| D 1008 | DIODE             |          |     |      | 1SS53T1         | G2060002  |       |      |
| D 1009 | DIODE             |          |     |      | HVU306A5TRF     | G2070132  |       |      |
| D 1010 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1011 | DIODE             |          |     |      | HVU200-5TRP     | G2070090  |       |      |
| D 1012 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1013 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1014 | DIODE             |          |     |      | HVU306A5TRF     | G2070132  |       |      |
| D 1015 | DIODE             |          |     |      | 1SS53T1         | G2060002  |       |      |
| D 1016 | DIODE             |          |     |      | HVU306A5TRF     | G2070132  |       |      |
| D 1017 | DIODE             |          |     |      | HVU306A5TRF     | G2070132  |       |      |
| D 1018 | DIODE             |          |     |      | 1SS53T1         | G2060002  |       |      |
| D 1019 | DIODE             |          |     |      | HVU306A5TRF     | G2070132  |       |      |
| D 1020 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1021 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1022 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1023 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1024 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1026 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1027 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1028 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1029 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1030 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1031 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1032 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |
| D 1033 | DIODE             |          |     |      | 1SS270TJ        | G2060004  |       |      |

# Local Unit

| REF.   | DESCRIPTION | VALUE | WV | TOL. | MFGR'S DESIG   | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|----|------|----------------|-----------|-------|------|
| D 1034 | DIODE       |       |    |      | HZ12B2         | G2090149  |       |      |
| D 1035 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1036 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1037 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1038 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1039 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1040 | DIODE       |       |    |      | HZ12B2         | G2090149  |       |      |
| D 1042 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1043 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1044 | VARISTOR    |       |    |      | MV-12 (KB265)  | G9090007  |       |      |
| D 1045 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1048 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1049 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1050 | DIODE       |       |    |      | HZ7C1          | G2090405  |       |      |
| D 1051 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1052 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1053 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1054 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1055 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1056 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1057 | DIODE       |       |    |      | 1SS106         | G2090244  |       |      |
| D 1058 | DIODE       |       |    |      | 1SS106         | G2090244  |       |      |
| D 1059 | DIODE       |       |    |      | 1SS106         | G2090244  |       |      |
| D 1060 | DIODE       |       |    |      | 1SS106         | G2090244  |       |      |
| D 1061 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1062 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1063 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1064 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1065 | DIODE       |       |    |      | RD6. 2EB2      | G2090246  |       |      |
| D 1066 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1067 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1068 | DIODE       |       |    |      | 1SS270TJ       | G2060004  |       |      |
| D 1069 | DIODE       |       |    |      | 1SS226 TE85R   | G2070003  |       |      |
|        |             |       |    |      |                |           |       |      |
| J 1001 | CONNECTOR   |       |    |      | TMP-J01X-A2    | P1090255  |       |      |
| J 1003 | CONNECTOR   |       |    |      | TMP-J01X-A2    | P1090255  |       |      |
| J 1004 | CONNECTOR   |       |    |      | HSJ0916-01-010 | P1090546  |       |      |
| J 1005 | CONNECTOR   |       |    |      | SC25-05WS      | P0090624  |       |      |
| J 1006 | CONNECTOR   |       |    |      | SC25-03WS      | P0090622  |       |      |
| J 1007 | CONNECTOR   |       |    |      | SC25-03WS      | P0090622  |       |      |
| J 1008 | CONNECTOR   |       |    |      | SC25-02WS      | P0090621  |       |      |
| J 1009 | CONNECTOR   |       |    |      | SG8035#01      | P1090350  |       |      |
| J 1010 | CONNECTOR   |       |    |      | SC25-05WS      | P0090624  |       |      |
| J 1011 | CONNECTOR   |       |    |      | SC25-03WS      | P0090622  |       |      |
| J 1012 | CONNECTOR   |       |    |      | SC25-04WS      | P0090623  |       |      |
| J 1013 | CONNECTOR   |       |    |      | SC25-02WS      | P0090621  |       |      |
| J 1014 | CONNECTOR   |       |    |      | SC25-02WS      | P0090621  |       |      |
| J 1015 | CONNECTOR   |       |    |      | SC25-02WS      | P0090621  |       |      |
| J 1016 | CONNECTOR   |       |    |      | SC25-04WS      | P0090623  |       |      |
| J 1017 | CONNECTOR   |       |    |      | SC25-02WS      | P0090621  |       |      |
| J 1018 | CONNECTOR   |       |    |      | SC25-04WS      | P0090623  |       |      |
| J 1019 | CONNECTOR   |       |    |      | SC25-02WS      | P0090621  |       |      |
| J 1020 | CONNECTOR   |       |    |      | 52030-1610     | P1090657  |       |      |
| J 1021 | CONNECTOR   |       |    |      | S-Q3097-01     | P1090348  |       |      |
| J 1022 | CONNECTOR   |       |    |      | SC25-05WS      | P0090624  |       |      |
| J 1023 | CONNECTOR   |       |    |      | SC25-02WS      | P0090621  |       |      |



| REF.   | DESCRIPTION | VALUE   | WV | TOL. | MFGR'S DESIG        | YAESU P/N | VERS. | Addr |
|--------|-------------|---------|----|------|---------------------|-----------|-------|------|
| J 1024 | CONNECTOR   |         |    |      | TCS5073-17-4151     | P1090648  |       |      |
| J 1026 | CONNECTOR   |         |    |      | SC25-03WS           | P0090622  |       |      |
| J 1027 | CONNECTOR   |         |    |      | SC25-05WS           | P0090624  |       |      |
| J 1028 | CONNECTOR   |         |    |      | SC25-02WS           | P0090621  |       |      |
| J 1029 | CONNECTOR   |         |    |      | SC25-02WS           | P0090621  |       |      |
| J 1030 | CONNECTOR   |         |    |      | SC25-02WS           | P0090621  |       |      |
| J 1031 | CONNECTOR   |         |    |      | S-Q3097-01          | P1090348  |       |      |
| J 1032 | CONNECTOR   |         |    |      | SC25-05WS           | P0090624  |       |      |
| J 1033 | CONNECTOR   |         |    |      | SC25-04WS           | P0090623  |       |      |
| J 1034 | CONNECTOR   |         |    |      | SC25-02WS           | P0090621  |       |      |
| L 1001 | M. RFC      | 0. 82uH |    |      | LAP02TAR82K         | L1790045  |       |      |
| L 1002 | COIL        |         |    |      | 0. 29U R12-6493X    | L0021382  |       |      |
| L 1003 | M. RFC      | 0. 68uH |    |      | LAP02TAR68K         | L1790044  |       |      |
| L 1004 | M. RFC      | 0. 68uH |    |      | LAP02TAR68K         | L1790044  |       |      |
| L 1005 | M. RFC      | 4. 7uH  |    |      | LAP02TA4R7K         | L1790054  |       |      |
| L 1006 | COIL        |         |    |      | S7-M1 R12-L722H     | L0190181  |       |      |
| L 1007 | COIL        |         |    |      | 4. 5T3. 5D0. 6UEW R | L0021819A |       |      |
| L 1008 | COIL        |         |    |      | 5. 5T3. 5D0. 6UEW R | L0021820A |       |      |
| L 1009 | COIL        |         |    |      | 5. 5T3. 5D0. 6UEW R | L0021820A |       |      |
| L 1010 | COIL        |         |    |      | 6. 5T3. 5D0. 6UEW R | L0021821A |       |      |
| L 1011 | COIL        |         |    |      | 5. 5T3. 5D0. 6UEW R | L0021820A |       |      |
| L 1012 | M. RFC      | 0. 82uH |    |      | LAP02TAR82K         | L1790045  |       |      |
| L 1013 | M. RFC      | 1uH     |    |      | LAP02TA1R0K         | L1790046  |       |      |
| L 1014 | M. RFC      | 4. 7uH  |    |      | LAP02TA4R7K         | L1790054  |       |      |
| L 1015 | M. RFC      | 4. 7uH  |    |      | LAP02TA4R7K         | L1790054  |       |      |
| L 1016 | COIL        |         |    |      | S7-M1 R12-L722G     | L0190180  |       |      |
| L 1017 | M. RFC      | 4. 7uH  |    |      | LAP02TA4R7K         | L1790054  |       |      |
| L 1018 | M. RFC      | 330uH   |    |      | LAL03VB331K         | L1790158  |       |      |
| L 1019 | M. RFC      | 100uH   |    |      | LAP02TA101K         | L1790070  |       |      |
| L 1020 | M. RFC      | 100uH   |    |      | LAP02TA101K         | L1790070  |       |      |
| L 1023 | M. RFC      | 4. 7uH  |    |      | LAP02TA4R7K         | L1790054  |       |      |
| L 1024 | M. RFC      | 4. 7uH  |    |      | LAP02TA4R7K         | L1790054  |       |      |
| L 1025 | COIL        |         |    |      | S7-M1 R12-L722F     | L0190179  |       |      |
| L 1026 | M. RFC      | 4. 7uH  |    |      | LAP02TA4R7K         | L1790054  |       |      |
| L 1027 | M. RFC      | 100uH   |    |      | LAP02TA101K         | L1790070  |       |      |
| L 1028 | M. RFC      | 120uH   |    |      | LAP02TA121K         | L1790071  |       |      |
| L 1029 | M. RFC      | 1mH     |    |      | LAL03VB102K         | L1790164  |       |      |
| L 1030 | M. RFC      | 12uH    |    |      | LAP02TA120K         | L1790059  |       |      |
| L 1031 | M. RFC      | 4. 7uH  |    |      | LAP02TA4R7K         | L1790054  |       |      |
| L 1032 | COIL        |         |    |      | S7-M1 R12-L722E     | L0190178  |       |      |
| L 1033 | M. RFC      | 4. 7uH  |    |      | LAP02TA4R7K         | L1790054  |       |      |
| L 1034 | M. RFC      | 2. 2uH  |    |      | LAP02TA2R2K         | L1790050  |       |      |
| L 1035 | M. RFC      | 2. 2uH  |    |      | LAP02TA2R2K         | L1790050  |       |      |
| L 1036 | M. RFC      | 5. 6uH  |    |      | LAP02TA5R6K         | L1790055  |       |      |
| L 1037 | M. RFC      | 120uH   |    |      | LAP02TA121K         | L1790071  |       |      |
| L 1038 | M. RFC      | 12uH    |    |      | LAP02TA120K         | L1790059  |       |      |
| L 1039 | M. RFC      | 1. 8u   |    |      | LAP02TA1R8K         | L1790049  |       |      |
| L 1040 | M. RFC      | 1. 5u   |    |      | LAP02TA1R5K         | L1790048  |       |      |
| L 1041 | M. RFC      | 1. 2u   |    |      | LAP02TA1R2K         | L1790047  |       |      |
| L 1042 | M. RFC      | 1. 5u   |    |      | LAP02TA1R5K         | L1790048  |       |      |
| L 1043 | M. RFC      | 5. 6uH  |    |      | LAP02TA5R6K         | L1790055  |       |      |
| L 1044 | M. RFC      | 100uH   |    |      | LAP02TA101K         | L1790070  |       |      |
| L 1045 | COIL        |         |    |      | 0. 42U              | L0021399  |       |      |
| L 1046 | M. RFC      | 3. 3uH  |    |      | LAP02TA3R3K         | L1790052  |       |      |
| L 1047 | M. RFC      | 3. 3uH  |    |      | LAP02TA3R3K         | L1790052  |       |      |

# Local Unit

| REF.   | DESCRIPTION | VALUE | WV | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|----|------|-----------------|-----------|-------|------|
| L 1048 | M. RFC      | 2.7u  |    |      | LAP02TA2R7K     | L1790051  |       |      |
| L 1049 | M. RFC      | 2.7u  |    |      | LAP02TA2R7K     | L1790051  |       |      |
| L 1050 | M. RFC      | 2.7u  |    |      | LAP02TA2R7K     | L1790051  |       |      |
| L 1051 | M. RFC      | 1mH   |    |      | LAL03VB102K     | L1790164  |       |      |
| L 1052 | M. RFC      | 1mH   |    |      | LAL03VB102K     | L1790164  |       |      |
| L 1053 | M. RFC      | 100uH |    |      | LAP02TA101K     | L1790070  |       |      |
| L 1054 | M. RFC      | 10uH  |    |      | LAP02TA100K     | L1790058  |       |      |
| Q 1001 | TRANSISTOR  |       |    |      | 2SC2620QBTR     | G3326207B |       | c1   |
| Q 1002 | TRANSISTOR  |       |    |      | 2SC2620QBTR     | G3326207B |       | b3   |
| Q 1003 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | b3   |
| Q 1004 | FET         |       |    |      | 2SK210GR TE85R  | G3802107G |       | a2   |
| Q 1005 | TRANSISTOR  |       |    |      | 2SC2714YTE85R   | G3327147Y |       | c1   |
| Q 1006 | FET         |       |    |      | 2SK302Y TE85R   | G3803027Y |       | c1   |
| Q 1007 | TRANSISTOR  |       |    |      | 2SC2714YTE85R   | G3327147Y |       | a1   |
| Q 1008 | TRANSISTOR  |       |    |      | 2SC2026         | G3320260  |       | A7   |
| Q 1009 | FET         |       |    |      | 2SK302Y TE85R   | G3803027Y |       | a1   |
| Q 1010 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | a2   |
| Q 1011 | FET         |       |    |      | 2SK210GR TE85R  | G3802107G |       | a3   |
| Q 1012 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | c3   |
| Q 1013 | FET         |       |    |      | 2SK210GR TE85R  | G3802107G |       | b1   |
| Q 1014 | IC          |       |    |      | UPC1037H        | G1090101  |       | B7   |
| Q 1015 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | c3   |
| Q 1016 | FET         |       |    |      | 2SK302Y TE85R   | G3803027Y |       | b1   |
| Q 1017 | TRANSISTOR  |       |    |      | 2SC2620QBTR     | G3326207B |       | b1   |
| Q 1018 | TRANSISTOR  |       |    |      | 2SC2620QBTR     | G3326207B |       | c1   |
| Q 1019 | TRANSISTOR  |       |    |      | 2SC2620QBTR     | G3326207B |       | b2   |
| Q 1020 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | a3   |
| Q 1021 | FET         |       |    |      | 2SK210GR TE85R  | G3802107G |       | a2   |
| Q 1022 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | c1   |
| Q 1023 | TRANSISTOR  |       |    |      | 2SD882Q         | G3408820Q |       | B4   |
| Q 1024 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | c1   |
| Q 1025 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | c1   |
| Q 1026 | IC          |       |    |      | M51131L         | G1091077  |       | C4   |
| Q 1027 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | a2   |
| Q 1028 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | c1   |
| Q 1029 | IC          |       |    |      | TC4S584F TE85R  | G1090974  |       | c1   |
| Q 1030 | IC          |       |    |      | UPC1037H        | G1090101  |       | C7   |
| Q 1031 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | b4   |
| Q 1032 | FET         |       |    |      | 2SK210GR TE85R  | G3802107G |       | a2   |
| Q 1033 | IC          |       |    |      | MC14568BCP      | G1090347  |       | C7   |
| Q 1034 | IC          |       |    |      | TDA2003H        | G1090815  |       | A3   |
| Q 1035 | TRANSISTOR  |       |    |      | 2SC2714YTE85R   | G3327147Y |       | a1   |
| Q 1036 | IC          |       |    |      | UPC1037H        | G1090101  |       | B6   |
| Q 1037 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | d5   |
| Q 1038 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | a2   |
| Q 1039 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | b1   |
| Q 1040 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | c2   |
| Q 1041 | IC          |       |    |      | TC4S584F TE85R  | G1090974  |       | b1   |
| Q 1042 | IC          |       |    |      | CX-7925B        | G1090834  |       | A4   |
| Q 1043 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | b4   |
| Q 1044 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | a3   |
| Q 1045 | FET         |       |    |      | 2SK208Y TE85R   | G3802087Y |       | a3   |
| Q 1046 | TRANSISTOR  |       |    |      | 2SC2620QBTR     | G3326207B |       | b3   |
| Q 1047 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | a3   |
| Q 1048 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | a3   |



| REF.   | DESCRIPTION | VALUE | WV | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|----|------|-----------------|-----------|-------|------|
| Q 1049 | IC          |       |    |      | M5201L          | G1091175  |       | C5   |
| Q 1050 | FET         |       |    |      | 2SK160-T2B K6   | G3801607F |       | c4   |
| Q 1051 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | d4   |
| Q 1052 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | c5   |
| Q 1053 | TRANSISTOR  |       |    |      | 2SA1283D        | G3112830D |       | B3   |
| Q 1054 | TRANSISTOR  |       |    |      | 2SA1283D        | G3112830D |       | B3   |
| Q 1055 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | d4   |
| Q 1056 | IC          |       |    |      | UPC7805H        | G1090299  |       | A4   |
| Q 1057 | TRANSISTOR  |       |    |      | FN1A4P-T2B      | G3070011  |       | a3   |
| Q 1058 | TRANSISTOR  |       |    |      | FN1A4P-T2B      | G3070011  |       | a3   |
| Q 1059 | TRANSISTOR  |       |    |      | FN1A4P-T2B      | G3070011  |       | b3   |
| Q 1060 | TRANSISTOR  |       |    |      | FN1A4P-T2B      | G3070011  |       | b3   |
| Q 1061 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | b5   |
| Q 1062 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | b5   |
| Q 1063 | IC          |       |    |      | M5218L          | G1090649  |       | D4   |
| Q 1064 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | c2   |
| Q 1065 | IC          |       |    |      | M5223L          | G1090988  |       | A3   |
| Q 1066 | IC          |       |    |      | M5218L          | G1090649  |       | D6   |
| Q 1067 | IC          |       |    |      | M5218L          | G1090649  |       | D6   |
| Q 1068 | IC          |       |    |      | M5223L          | G1090988  |       | B3   |
| Q 1069 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | c3   |
| Q 1070 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | c4   |
| Q 1071 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | d4   |
| Q 1072 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | c4   |
| Q 1074 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | d4   |
| Q 1075 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | b4   |
| Q 1076 | IC          |       |    |      | MC14053BF       | G1090703  |       | c5   |
| Q 1077 | IC          |       |    |      | LC4066BM        | G1090772  |       | c5   |
| Q 1078 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | c5   |
| Q 1079 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | c3   |
| Q 1080 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | d2   |
| Q 1081 | IC          |       |    |      | M5218L          | G1090649  |       | D6   |
| Q 1082 | IC          |       |    |      | M5223L          | G1090988  |       | D6   |
| Q 1083 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | c4   |
| Q 1084 | IC          |       |    |      | UPC1037H        | G1090101  |       | D5   |
| Q 1085 | FET         |       |    |      | 2SK160-T2B K6   | G3801607F |       | d3   |
| Q 1086 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | d1   |
| Q 1087 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | d2   |
| Q 1088 | IC          |       |    |      | M5223L          | G1090988  |       | B3   |
| Q 1089 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R | G3327127G |       | d3   |
| Q 1090 | TRANSISTOR  |       |    |      | FN1A4P-T2B      | G3070011  |       | b4   |
| Q 1091 | TRANSISTOR  |       |    |      | FN1A4P-T2B      | G3070011  |       | b4   |
| Q 1092 | TRANSISTOR  |       |    |      | FN1A4P-T2B      | G3070011  |       | b4   |
| Q 1093 | TRANSISTOR  |       |    |      | FN1A4P-T2B      | G3070011  |       | b4   |
| Q 1094 | IC          |       |    |      | M5223L          | G1090988  |       | D5   |
| Q 1095 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | d5   |
| Q 1096 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | d5   |
| Q 1097 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | b4   |
| Q 1098 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | b4   |
| Q 1099 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | b4   |
| Q 1100 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | b4   |
| Q 1101 | TRANSISTOR  |       |    |      | 2SD667C         | G3406670C |       | B4   |
| Q 1102 | TRANSISTOR  |       |    |      | FN1A4P-T2B      | G3070011  |       | d1   |
| Q 1103 | TRANSISTOR  |       |    |      | FN1A4P-T2B      | G3070011  |       | d1   |
| Q 1104 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | d1   |
| Q 1105 | TRANSISTOR  |       |    |      | FA1A4P-T2B      | G3070006  |       | d1   |

# Local Unit

| REF.   | DESCRIPTION | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|-------|------|---------------|-----------|-------|------|
| Q 1106 | TRANSISTOR  |       |       |      | FA1A4P-T2B    | G3070006  |       | b1   |
| Q 1107 | TRANSISTOR  |       |       |      | FA1A4P-T2B    | G3070006  |       | b4   |
| Q 1108 | TRANSISTOR  |       |       |      | FA1A4P-T2B    | G3070006  |       | d1   |
| Q 1109 | TRANSISTOR  |       |       |      | FA1A4P-T2B    | G3070006  |       | d1   |
| Q 1110 | TRANSISTOR  |       |       |      | FA1A4P-T2B    | G3070006  |       | b5   |
| R 1001 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 1002 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1003 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 1004 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1005 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 1006 | CHIP RES.   | 47    | 1/10W |      | RMC1/10T 470J | J24205470 |       |      |
| R 1007 | CHIP RES.   | 2.7K  | 1/10W |      | RMC1/10T 272J | J24205272 |       |      |
| R 1008 | CHIP RES.   | 47    | 1/10W |      | RMC1/10T 470J | J24205470 |       |      |
| R 1009 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1010 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1011 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1012 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 1014 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 1015 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1016 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1017 | CHIP RES.   | 3.3K  | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 1018 | CHIP RES.   | 330   | 1/10W |      | RMC1/10T 331J | J24205331 |       |      |
| R 1019 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1020 | CHIP RES.   | 2.2K  | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1021 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 1022 | CHIP RES.   | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 1023 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 1024 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 1025 | CHIP RES.   | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 1027 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 1029 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1030 | CHIP RES.   | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 1031 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1032 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 1033 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1034 | CHIP RES.   | 4.7K  | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1035 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 1036 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 1037 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1039 | CHIP RES.   | 47    | 1/10W |      | RMC1/10T 470J | J24205470 |       |      |
| R 1040 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 1041 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1042 | CHIP RES.   | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 1043 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 1044 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 1046 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 1047 | CHIP RES.   | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 1049 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1050 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1051 | CHIP RES.   | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 1052 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 1053 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 1054 | CHIP RES.   | 560   | 1/10W |      | RMC1/10T 561J | J24205561 |       |      |
| R 1055 | CHIP RES.   | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 1056 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |



| REF.   | DESCRIPTION      | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|------------------|-------|-------|------|---------------|-----------|-------|------|
| R 1057 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1058 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 1059 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1060 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 1061 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1062 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1063 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1064 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 1065 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1066 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1067 | CHIP RES.        | 68    | 1/10W |      | RMC1/10T 680J | J24205680 |       |      |
| R 1068 | CHIP RES.        | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 1069 | CHIP RES.        | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1070 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1071 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1072 | CHIP RES.        | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 1074 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1075 | CHIP RES.        | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 1076 | CHIP RES.        | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 1077 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1078 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1079 | CHIP RES.        | 47    | 1/10W |      | RMC1/10T 470J | J24205470 |       |      |
| R 1080 | CHIP RES.        | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1081 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1082 | CHIP RES.        | 47    | 1/10W |      | RMC1/10T 470J | J24205470 |       |      |
| R 1083 | CHIP RES.        | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 1085 | CHIP RES.        | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1086 | CHIP RES.        | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1087 | CHIP RES.        | 560   | 1/10W |      | RMC1/10T 561J | J24205561 |       |      |
| R 1088 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1089 | CHIP RES.        | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 1090 | CHIP RES.        | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1091 | CHIP RES.        | 47    | 1/10W |      | RMC1/10T 470J | J24205470 |       |      |
| R 1092 | CHIP RES.        | 820   | 1/10W |      | RMC1/10T 821J | J24205821 |       |      |
| R 1093 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1094 | CHIP RES.        | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 1095 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1096 | CHIP RES.        | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 1098 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1099 | CHIP RES.        | 1. 5K | 1/10W |      | RMC1/10T 152J | J24205152 |       |      |
| R 1100 | CHIP RES.        | 68    | 1/10W |      | RMC1/10T 680J | J24205680 |       |      |
| R 1101 | CHIP RES.        | 3. 3K | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 1102 | CHIP RES.        | 3. 3K | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 1103 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1104 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1105 | CHIP RES.        | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 1106 | CHIP RES.        | 68    | 1/10W |      | RMC1/10T 680J | J24205680 |       |      |
| R 1107 | CHIP RES.        | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 1108 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1109 | CHIP RES.        | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 1110 | CHIP RES.        | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 1111 | CARBON FILM RES. | 1     | 1/6W  |      | RD16TPJ010    | J07225010 |       |      |
| R 1112 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1113 | CARBON FILM RES. | 270   | 1/6W  |      | RD16TPJ271    | J07225271 |       |      |
| R 1114 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1115 | CHIP RES.        | 820   | 1/10W |      | RMC1/10T 821J | J24205821 |       |      |

# Local Unit

| REF.   | DESCRIPTION      | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|------------------|-------|-------|------|---------------|-----------|-------|------|
| R 1116 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1117 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1118 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1119 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1120 | CARBON FILM RES. | 2. 2  | 1/6W  |      | RD16TPJ2R2    | J07225229 |       |      |
| R 1122 | CHIP RES.        | 330   | 1/10W |      | RMC1/10T 331J | J24205331 |       |      |
| R 1123 | CHIP RES.        | 68    | 1/10W |      | RMC1/10T 680J | J24205680 |       |      |
| R 1124 | CHIP RES.        | 560   | 1/10W |      | RMC1/10T 561J | J24205561 |       |      |
| R 1125 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1126 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 1127 | CHIP RES.        | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 1128 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1129 | CHIP RES.        | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 1130 | CHIP RES.        | 1. 5K | 1/10W |      | RMC1/10T 152J | J24205152 |       |      |
| R 1131 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 1132 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1133 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1134 | CHIP RES.        | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 1135 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1136 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 1137 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1138 | CHIP RES.        | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1139 | CHIP RES.        | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1140 | CHIP RES.        | 330   | 1/10W |      | RMC1/10T 331J | J24205331 |       |      |
| R 1141 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1142 | CHIP RES.        | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1143 | CHIP RES.        | 68    | 1/10W |      | RMC1/10T 680J | J24205680 |       |      |
| R 1144 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 1145 | CHIP RES.        | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1146 | CHIP RES.        | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 1148 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 1149 | CHIP RES.        | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1150 | CHIP RES.        | 68K   | 1/10W |      | RMC1/10T 683J | J24205683 |       |      |
| R 1151 | CHIP RES.        | 3. 3K | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 1153 | CHIP RES.        | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1154 | CHIP RES.        | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1155 | CHIP RES.        | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1156 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 1157 | CHIP RES.        | 3. 3K | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 1158 | CHIP RES.        | 33K   | 1/10W |      | RMC1/10T 333J | J24205333 |       |      |
| R 1159 | CHIP RES.        | 330   | 1/10W |      | RMC1/10T 331J | J24205331 |       |      |
| R 1160 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1161 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1162 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1163 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1164 | CHIP RES.        | 150K  | 1/10W |      | RMC1/10T 154J | J24205154 |       |      |
| R 1165 | CHIP RES.        | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 1166 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1167 | CHIP RES.        | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 1168 | CHIP RES.        | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 1169 | CHIP RES.        | 47    | 1/10W |      | RMC1/10T 470J | J24205470 |       |      |
| R 1170 | CHIP RES.        | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1171 | CHIP RES.        | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 1172 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1173 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1174 | CHIP RES.        | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |

| REF.   | DESCRIPTION | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|-------|------|---------------|-----------|-------|------|
| R 1175 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1176 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1177 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1178 | CHIP RES.   | 47    | 1/10W |      | RMC1/10T 470J | J24205470 |       |      |
| R 1179 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 1180 | CHIP RES.   | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 1181 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1182 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1183 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1184 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1185 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1186 | CHIP RES.   | 2. 2M | 1/10W |      | RMC1/10T 225J | J24205225 |       |      |
| R 1187 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 1188 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1189 | CHIP RES.   | 10    | 1/10W |      | RMC1/10T 100J | J24205100 |       |      |
| R 1190 | CHIP RES.   | 560K  | 1/10W |      | RMC1/10T 564J | J24205564 |       |      |
| R 1191 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1192 | CHIP RES.   | 3. 3M | 1/10W |      | RMC1/10T 335J | J24205335 |       |      |
| R 1193 | CHIP RES.   | 6. 8K | 1/10W |      | RMC1/10T 682J | J24205682 |       |      |
| R 1194 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1195 | CHIP RES.   | 150K  | 1/10W |      | RMC1/10T 154J | J24205154 |       |      |
| R 1196 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 1197 | CHIP RES.   | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1198 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1199 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1200 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 1201 | CHIP RES.   | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1202 | CHIP RES.   | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1203 | CHIP RES.   | 33K   | 1/10W |      | RMC1/10T 333J | J24205333 |       |      |
| R 1204 | CHIP RES.   | 150K  | 1/10W |      | RMC1/10T 154J | J24205154 |       |      |
| R 1205 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1206 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 1207 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1208 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1209 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1210 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1211 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1213 | CHIP RES.   | 470K  | 1/10W |      | RMC1/10T 474J | J24205474 |       |      |
| R 1214 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1215 | CHIP RES.   | 33K   | 1/10W |      | RMC1/10T 333J | J24205333 |       |      |
| R 1216 | CHIP RES.   | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1217 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1218 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1219 | CHIP RES.   | 330K  | 1/10W |      | RMC1/10T 334J | J24205334 |       |      |
| R 1220 | CHIP RES.   | 3. 3K | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 1221 | CHIP RES.   | 68K   | 1/10W |      | RMC1/10T 683J | J24205683 |       |      |
| R 1222 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1223 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1224 | CHIP RES.   | 3. 3K | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 1225 | CHIP RES.   | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1226 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1227 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1228 | CHIP RES.   | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1229 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1230 | CHIP RES.   | 150K  | 1/10W |      | RMC1/10T 154J | J24205154 |       |      |
| R 1231 | CHIP RES.   | 470K  | 1/10W |      | RMC1/10T 474J | J24205474 |       |      |



# Local Unit

| REF.   | DESCRIPTION | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|-------|------|---------------|-----------|-------|------|
| R 1232 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 1233 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1234 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1235 | CHIP RES.   | 18K   | 1/10W |      | RMC1/10T 183J | J24205183 |       |      |
| R 1236 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1237 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1238 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1239 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1240 | CHIP RES.   | 33K   | 1/10W |      | RMC1/10T 333J | J24205333 |       |      |
| R 1241 | CHIP RES.   | 150K  | 1/10W |      | RMC1/10T 154J | J24205154 |       |      |
| R 1242 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1243 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1244 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1245 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1247 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1248 | CHIP RES.   | 330   | 1/10W |      | RMC1/10T 331J | J24205331 |       |      |
| R 1249 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1250 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1251 | CHIP RES.   | 150K  | 1/10W |      | RMC1/10T 154J | J24205154 |       |      |
| R 1252 | CHIP RES.   | 82    | 1/10W |      | RMC1/10T 820J | J24205820 |       |      |
| R 1253 | CHIP RES.   | 33K   | 1/10W |      | RMC1/10T 333J | J24205333 |       |      |
| R 1254 | CHIP RES.   | 3. 9K | 1/10W |      | RMC1/10T 392J | J24205392 |       |      |
| R 1255 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1256 | CHIP RES.   | 1M    | 1/10W |      | RMC1/10T 105J | J24205105 |       |      |
| R 1257 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1258 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1259 | CHIP RES.   | 180   | 1/10W |      | RMC1/10T 181J | J24205181 |       |      |
| R 1260 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 1261 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 1262 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1263 | CHIP RES.   | 220K  | 1/10W |      | RMC1/10T 224J | J24205224 |       |      |
| R 1264 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1265 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 1266 | CHIP RES.   | 10    | 1/10W |      | RMC1/10T 100J | J24205100 |       |      |
| R 1267 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1268 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1269 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1270 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1271 | CHIP RES.   | 220K  | 1/10W |      | RMC1/10T 224J | J24205224 |       |      |
| R 1272 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1273 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 1274 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1275 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1276 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1277 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 1278 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1279 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1280 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1281 | CHIP RES.   | 1. 5K | 1/10W |      | RMC1/10T 152J | J24205152 |       |      |
| R 1282 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1283 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1284 | CHIP RES.   | 1. 5K | 1/10W |      | RMC1/10T 152J | J24205152 |       |      |
| R 1285 | CHIP RES.   | 220K  | 1/10W |      | RMC1/10T 224J | J24205224 |       |      |
| R 1286 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 1287 | CHIP RES.   | 2. 2M | 1/10W |      | RMC1/10T 225J | J24205225 |       |      |
| R 1288 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |

| REF.   | DESCRIPTION | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|-------|------|---------------|-----------|-------|------|
| R 1289 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1290 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1291 | CHIP RES.   | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1292 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1293 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1294 | CHIP RES.   | 2. 2M | 1/10W |      | RMC1/10T 225J | J24205225 |       |      |
| R 1295 | CHIP RES.   | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1296 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 1297 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1298 | CHIP RES.   | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 1299 | CHIP RES.   | 12K   | 1/10W |      | RMC1/10T 123J | J24205123 |       |      |
| R 1300 | CHIP RES.   | 12K   | 1/10W |      | RMC1/10T 123J | J24205123 |       |      |
| R 1301 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1302 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 1303 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1304 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1305 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1306 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 1307 | CHIP RES.   | 1M    | 1/10W |      | RMC1/10T 105J | J24205105 |       |      |
| R 1308 | CHIP RES.   | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1309 | CHIP RES.   | 68    | 1/10W |      | RMC1/10T 680J | J24205680 |       |      |
| R 1310 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 1311 | CHIP RES.   | 68K   | 1/10W |      | RMC1/10T 683J | J24205683 |       |      |
| R 1312 | CHIP RES.   | 3. 3M | 1/10W |      | RMC1/10T 335J | J24205335 |       |      |
| R 1313 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1314 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1315 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1316 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1317 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1318 | CHIP RES.   | 12K   | 1/10W |      | RMC1/10T 123J | J24205123 |       |      |
| R 1319 | CHIP RES.   | 12K   | 1/10W |      | RMC1/10T 123J | J24205123 |       |      |
| R 1320 | CHIP RES.   | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 1321 | CHIP RES.   | 1M    | 1/10W |      | RMC1/10T 105J | J24205105 |       |      |
| R 1322 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1325 | CHIP RES.   | 3. 3K | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 1327 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 1328 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1329 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1330 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1331 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1332 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1333 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1334 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 1335 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1336 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1337 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 1338 | CHIP RES.   | 33K   | 1/10W |      | RMC1/10T 333J | J24205333 |       |      |
| R 1339 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 1340 | CHIP RES.   | 3. 3K | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 1341 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 1342 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 1343 | CHIP RES.   | 56K   | 1/10W |      | RMC1/10T 563J | J24205563 |       |      |
| R 1344 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 1345 | CHIP RES.   | 150K  | 1/10W |      | RMC1/10T 154J | J24205154 |       |      |
| R 1346 | CHIP RES.   | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 1347 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |

# Local Unit

| REF.   | DESCRIPTION      | VALUE | WV    | TOL. | MFGR'S DESIG     | YAESU P/N | VERS.  | Addr |
|--------|------------------|-------|-------|------|------------------|-----------|--------|------|
| R 1348 | CHIP RES.        | 15K   | 1/10W |      | RMC1/10T 153J    | J24205153 |        |      |
| R 1349 | CHIP RES.        | 5.6K  | 1/10W |      | RMC1/10T 562J    | J24205562 |        |      |
| R 1350 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J    | J24205101 |        |      |
| R 1351 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J    | J24205104 |        |      |
| R 1352 | CHIP RES.        | 470   | 1/10W |      | RMC1/10T 471J    | J24205471 |        |      |
| R 1353 | CHIP RES.        | 47K   | 1/10W |      | RMC1/10T 473J    | J24205473 |        |      |
| R 1354 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J    | J24205102 |        |      |
| R 1355 | CHIP RES.        | 47K   | 1/10W |      | RMC1/10T 473J    | J24205473 |        |      |
| R 1357 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J    | J24205102 |        |      |
| R 1358 | CHIP RES.        | 68K   | 1/10W |      | RMC1/10T 683J    | J24205683 |        |      |
| R 1359 | CHIP RES.        | 68K   | 1/10W |      | RMC1/10T 683J    | J24205683 |        |      |
| R 1360 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J    | J24205103 |        |      |
| R 1361 | CARBON FILM RES. | 1     | 1/6W  |      | RD16TPJ010       | J07225010 |        |      |
| R 1362 | CHIP RES.        | 330   | 1/10W |      | RMC1/10T 331J    | J24205331 |        |      |
| R 1363 | CHIP RES.        | 22K   | 1/10W |      | RMC1/10T 223J    | J24205223 |        |      |
| R 1364 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J    | J24205104 |        |      |
| R 1365 | CHIP RES.        | 47K   | 1/10W |      | RMC1/10T 473J    | J24205473 |        |      |
| R 1366 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J    | J24205104 |        |      |
| R 1367 | CHIP RES.        | 15K   | 1/10W |      | RMC1/10T 153J    | J24205153 |        |      |
| R 1368 | CHIP RES.        | 2.2K  | 1/10W |      | RMC1/10T 222J    | J24205222 |        |      |
| R 1369 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J    | J24205102 |        |      |
| R 1370 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J    | J24205104 |        |      |
| R 1372 | CHIP RES.        | 3.9K  | 1/10W |      | RMC1/10T 392J    | J24205392 |        |      |
| R 1373 | CHIP RES.        | 2.2K  | 1/10W |      | RMC1/10T 222J    | J24205222 |        |      |
| R 1374 | CARBON FILM RES. | 12K   | 1/6W  |      | RD16TPJ123       | J07225123 | PWR 10 |      |
| R 1374 | CARBON FILM RES. | 12K   | 1/6W  |      | RD16TPJ123       | J07225123 | PWR 25 |      |
| R 1375 | CHIP RES.        | 6.8K  | 1/10W |      | RMC1/10T 682J    | J24205682 |        |      |
| R 1376 | METAL FILM RES.  | 3.3   | 1W    |      | RS1B 1W K 3.3    | J20306339 |        |      |
| S 1001 | SLIDE SWITCH     |       |       |      | SSS212299        | N6090051  |        |      |
| T 1002 | COIL             |       |       |      | 61.44M R12-H956A | L0021932  |        |      |
| T 1003 | COIL             |       |       |      | 61.44M R12-H956A | L0021932  |        |      |
| T 1004 | COIL             |       |       |      | 4-1 2D3 TR6X3    | L0020788A |        |      |
| T 1005 | COIL             |       |       |      | 61.44M R12-H956A | L0021932  |        |      |
| T 1006 | COIL             |       |       |      | 61.44M R12-H956A | L0021932  |        |      |
| TC1001 | TRIMMER CAP.     | 6pF   |       |      | ECV1ZW06X53T     | K91000055 |        |      |
| TC1002 | TRIMMER CAP.     | 20p   |       |      | VCT51E117        | K91000086 |        |      |
| TC1003 | TRIMMER CAP.     | 6pF   |       |      | ECV1ZW06X53T     | K91000055 |        |      |
| TC1004 | TRIMMER CAP.     | 6pF   |       |      | ECV1ZW06X53T     | K91000055 |        |      |
| TC1005 | TRIMMER CAP.     | 6pF   |       |      | ECV1ZW06X53T     | K91000055 |        |      |
| TP1001 | TP-E/            |       |       |      | TP-E/MS-60124    | Q5000016  |        |      |
| TP1002 | TP-E/            |       |       |      | TP-E/MS-60124    | Q5000016  |        |      |
| TP1003 | TP-E/            |       |       |      | TP-E/MS-60124    | Q5000016  |        |      |
| TP1004 | TP-E/            |       |       |      | TP-E/MS-60124    | Q5000016  |        |      |
| TP1005 | TP-E/            |       |       |      | TP-E/MS-60124    | Q5000016  |        |      |
| TP1006 | TP-E/            |       |       |      | TP-E/MS-60124    | Q5000016  |        |      |
| TP1007 | TP-E/            |       |       |      | TP-E/MS-60124    | Q5000016  |        |      |
| TP1008 | TP-E/            |       |       |      | TP-E/MS-60124    | Q5000016  |        |      |
| TP1009 | TP-E/            |       |       |      | TP-E/MS-60124    | Q5000016  |        |      |
| VR1001 | POT.             | 1KB   |       |      | H0652A007-1KB    | J50770102 |        |      |
| VR1002 | POT.             | 1MB   |       |      | H0652A025-1MB    | J50770105 |        |      |
| VR1003 | POT.             | 10KB  |       |      | K091B0Z09-10KB   | J60800124 |        |      |



| REF.   | DESCRIPTION | VALUE        | WV | TOL. | MFGR'S DESIG     | YAESU P/N | VERS. | Addr |
|--------|-------------|--------------|----|------|------------------|-----------|-------|------|
| VR1004 | POT.        | 10KB         |    |      | H0652A013-10KB   | J50770103 |       |      |
| VR1006 | POT.        | 500KB        |    |      | K091B0Z09-500KB  | J60800126 |       |      |
| VR1007 | POT.        | 10KB         |    |      | K091B0Z09-10KB   | J60800124 |       |      |
| VR1008 | POT.        | 10KB         |    |      | H0652A013-10KB   | J50770103 |       |      |
| VR1010 | POT.        | 1KB          |    |      | H0652A007-1KB    | J50770102 |       |      |
| VR1011 | POT.        | 4. 7KB       |    |      | H0652A011-4. 7KB | J50770472 |       |      |
| VR1012 | POT.        | 10KB         |    |      | H0652A013-10KB   | J50770103 |       |      |
| VR1013 | POT.        | 1KB          |    |      | H0652A007-1KB    | J50770102 |       |      |
| VR1014 | POT.        | 10KB         |    |      | H0652A013-10KB   | J50770103 |       |      |
| VR1015 | POT.        | 10KB         |    |      | H0652A013-10KB   | J50770103 |       |      |
| VR1017 | POT.        | 10KB         |    |      | H0652A013-10KB   | J50770103 |       |      |
| VR1018 | POT.        | 10KB         |    |      | H0652A013-10KB   | J50770103 |       |      |
| VR1019 | POT.        | 10KB         |    |      | K091B0Z09-10KB   | J60800124 |       |      |
| VR1020 | POT.        | 10KB         |    |      | H0652A013-10KB   | J50770103 |       |      |
| VR1022 | POT.        | 10KB         |    |      | H0652A013-10KB   | J50770103 |       |      |
| X 1001 | XTAL        | 10. 48576MHz |    |      | HC-49/U          | H0102990  |       |      |
| X 1002 | XTAL        | 70. 000MHz   |    |      | HC-49/T          | H0103009  |       |      |

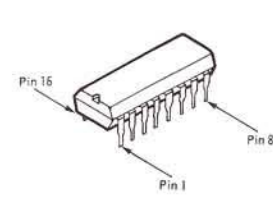




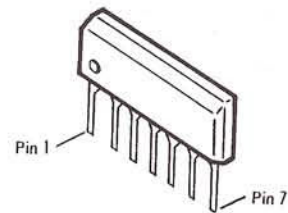


- Measuring Conditions  
Frequency: 14.2MHz  
Mode: USB  
RF Amp: On

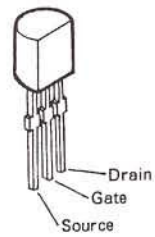




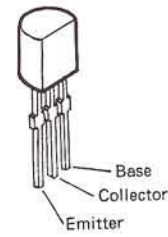
SN74LS145N  
(Q2062)



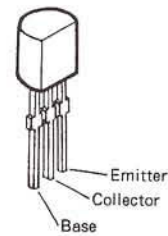
μPC1037H  
(Q2020)



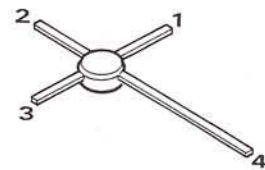
2SK125  
(Q2005, Q2006, Q2007,  
2008, 2009, 2010)



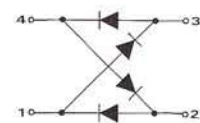
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(Q2051)  
2SC2026  
(Q2053)



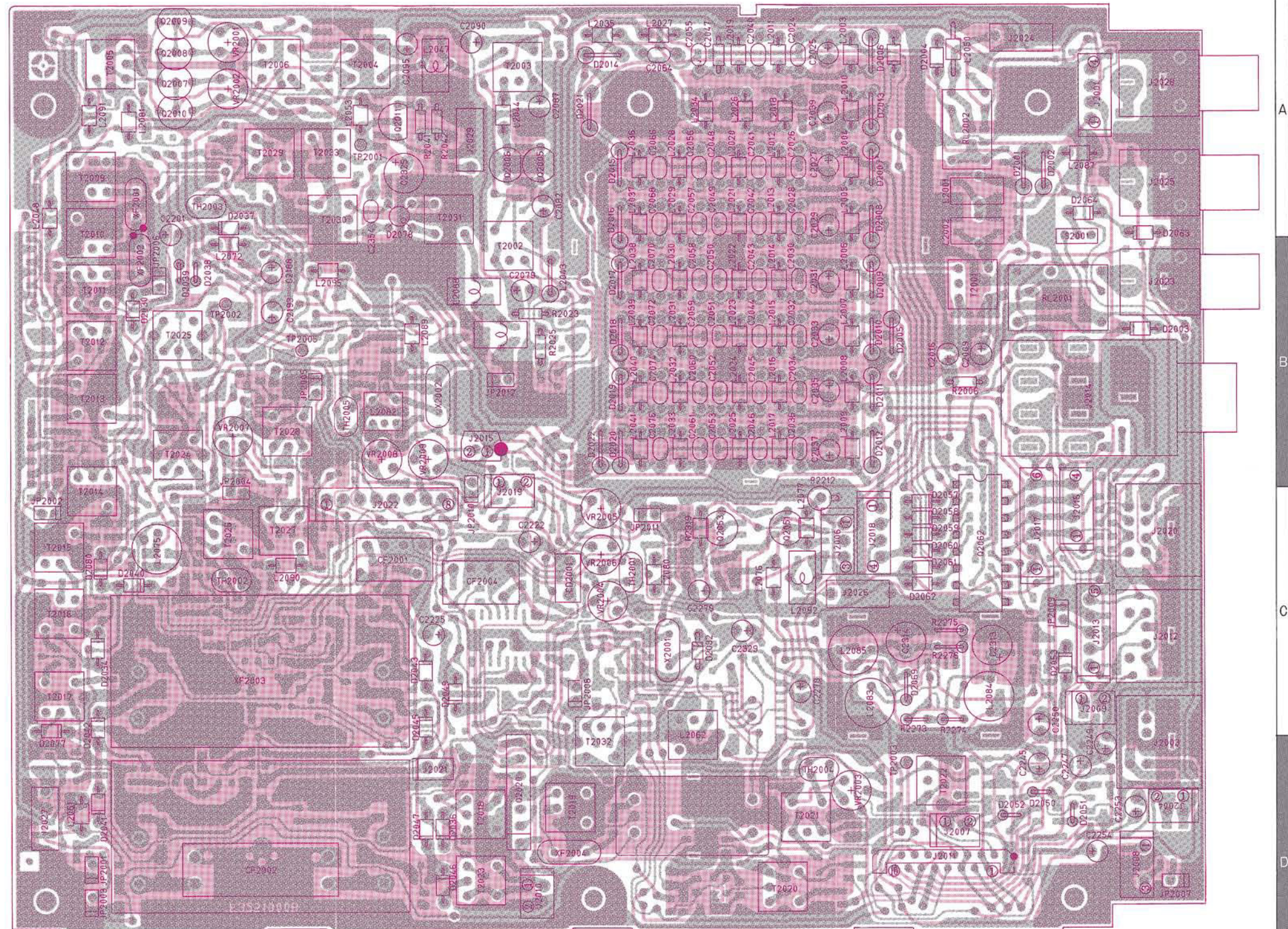
2SC2053  
(Q2011)



ND487C2-3R  
(D2078)

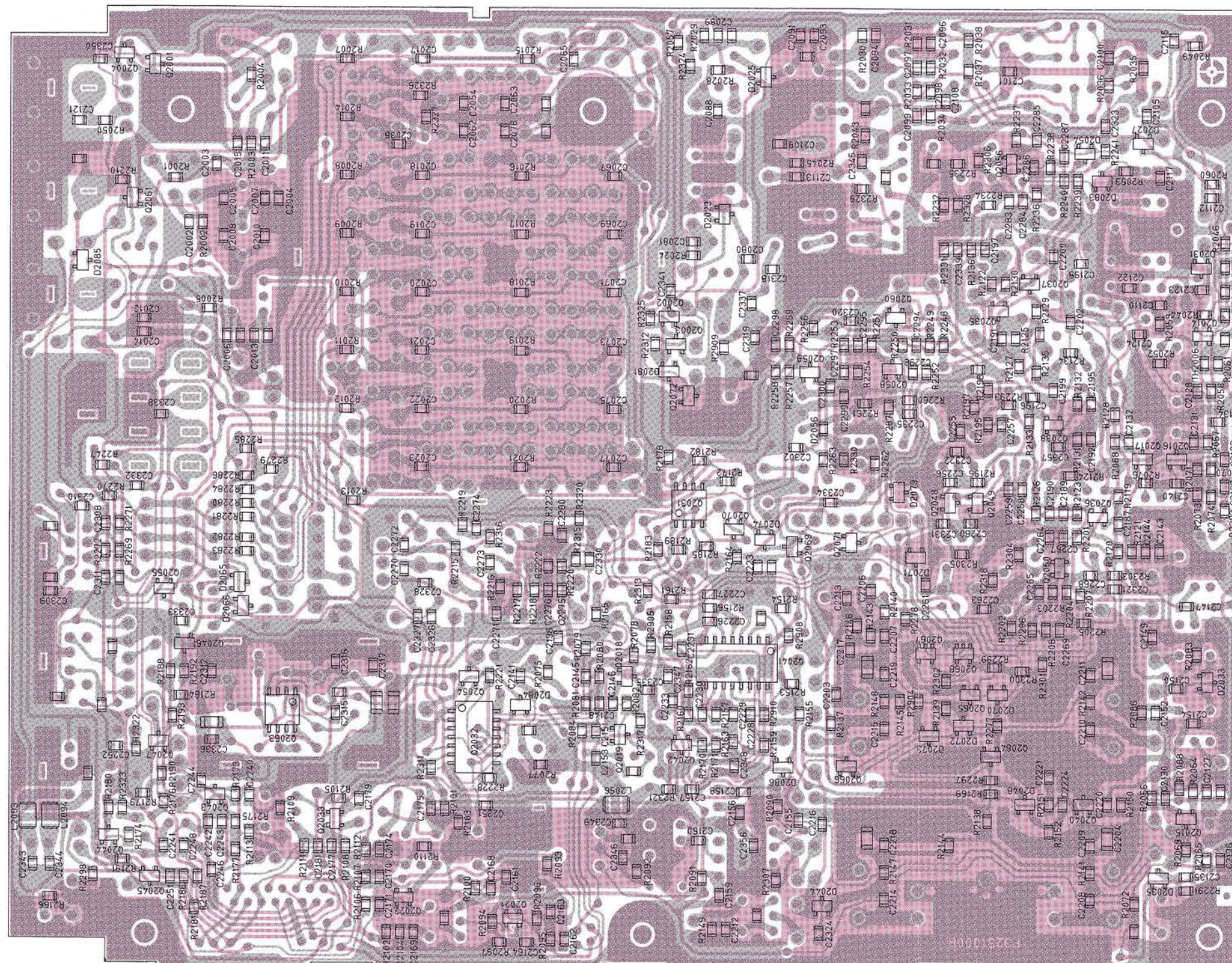


ND487C2-3R CIRCUIT DIAGRAM

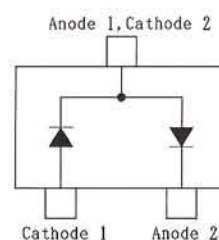


"component" side

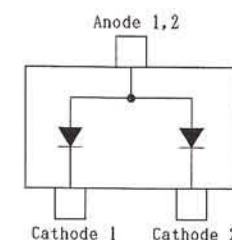




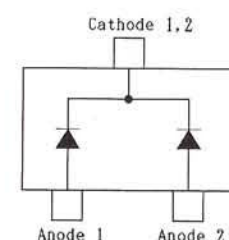
"chip-only" side



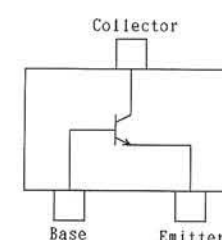
1SS226 (C3)  
(D2033, 2044)



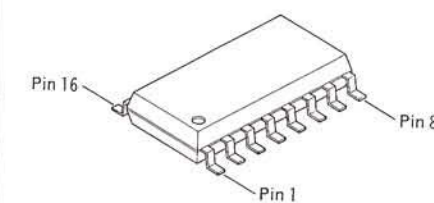
1SS181 (A3)  
(D2048, 2065, 2066, 2084)



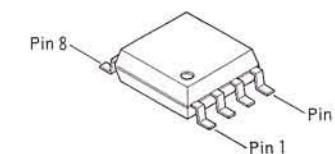
1SS184 (B3)  
(D2023, 2025, 2027, 2031, 2035, 2054, 2070, 2071, 2072, 2073, 2074, 2079, 2081, 2083, 2085, 2086)



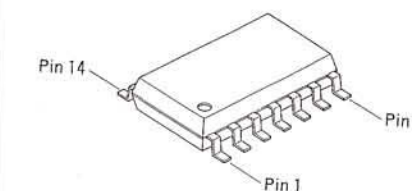
2SC2712GR (LG)  
(Q2035, 2037, 2043, 2044, 2045, 2054)  
2SC2714Y (JY)  
(Q2015, 2018, 2019, 2058, 2059)



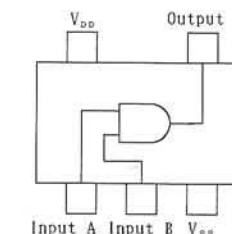
MC3372ML  
(Q2041)



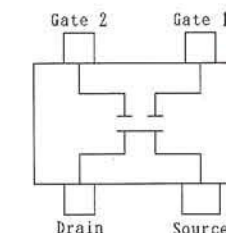
M5223FP  
(Q2031)  
IR3M03N2  
(Q2063)



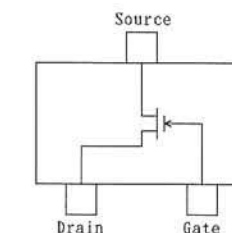
μPD4011BG  
(Q2032)



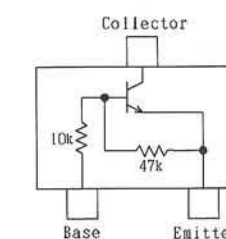
TC4S81F (C2)  
(Q2067, 2068)



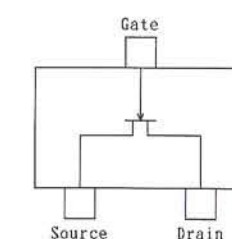
3SK131 (V11)  
(Q2014, 2021, 2022, 2033, 2036, 2038, 2050, 2056)



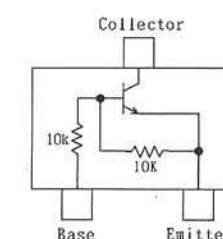
2SK302Y (TY)  
(Q2016, 2017, 2040, 2048, 2049)



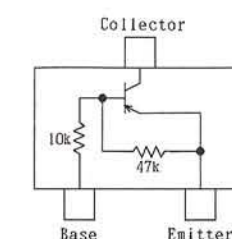
FA1A4P (L34)  
(Q2004, 2042, 2046, 2055, 2061, 2064, 2065, 2066, 2069, 2071)



2SK160 (K6)  
(Q2047)



FA1A4M (L33)  
(Q2001, 2003)



FN1A4P (M34)  
(Q2002, 2060, 2070, 2072)



| REF.            | DESCRIPTION            | VALUE   | WV  | TOL. | MFGR'S DESIG      | YAESU P/N | VERS. | Addr |
|-----------------|------------------------|---------|-----|------|-------------------|-----------|-------|------|
| *** RF UNIT *** |                        |         |     |      |                   |           |       |      |
|                 | PCB W COMP.            |         |     |      |                   | CA0568001 |       |      |
|                 | RF, NOTCH UNIT W COMP. |         |     |      |                   | CP3559001 |       |      |
|                 | PCB W/O COMP.          |         |     |      |                   | F3251000B |       |      |
| C 2002          | CHIP CAP.              | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2003          | CHIP CAP.              | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2004          | CHIP CAP.              | 68pF    | 50V | CH   | GRM40CH680J50PT   | K22170231 |       |      |
| C 2005          | CHIP CAP.              | 22pF    | 50V | CH   | GRM40CH220J50PT   | K22170219 |       |      |
| C 2006          | CHIP CAP.              | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2007          | CHIP CAP.              | 150pF   | 50V | CH   | GRM40CH151J50PT   | K22170239 |       |      |
| C 2008          | CHIP CAP.              | 6pF     | 50V | CH   | GRM40CH060D50PT   | K22170207 |       |      |
| C 2009          | AL. ELECTRO. CAP.      | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2010          | CHIP CAP.              | 68pF    | 50V | CH   | GRM40CH680J50PT   | K22170231 |       |      |
| C 2011          | CHIP CAP.              | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2012          | CHIP CAP.              | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2013          | CHIP CAP.              | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2014          | CHIP CAP.              | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2015          | CHIP CAP.              | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2016          | AL. ELECTRO. CAP.      | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2017          | CHIP CAP.              | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2018          | CHIP CAP.              | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2019          | CHIP CAP.              | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2020          | CHIP CAP.              | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2021          | CHIP CAP.              | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2022          | CHIP CAP.              | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2023          | CHIP CAP.              | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2024          | CERAMIC CAP.           | 470pF   | 50V | SL   | DD109-979SL471J50 | K26171045 |       |      |
| C 2025          | AL. ELECTRO. CAP.      | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2026          | CERAMIC CAP.           | 240p    | 50V | SL   | DD107-979SL241J50 | K26171038 |       |      |
| C 2027          | AL. ELECTRO. CAP.      | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2028          | CERAMIC CAP.           | 150pF   | 50V | SL   | DD106-979SL151J50 | K26171033 |       |      |
| C 2029          | AL. ELECTRO. CAP.      | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2030          | CERAMIC CAP.           | 120pF   | 50V | SL   | DD105-979SL121J50 | K26171031 |       |      |
| C 2031          | AL. ELECTRO. CAP.      | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2032          | CERAMIC CAP.           | 82pF    | 50V | SL   | DD104-979SL820J50 | K26171027 |       |      |
| C 2033          | AL. ELECTRO. CAP.      | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2034          | CERAMIC CAP.           | 56pF    | 50V | SL   | DD104-979SL560J50 | K26171023 |       |      |
| C 2035          | AL. ELECTRO. CAP.      | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2036          | CERAMIC CAP.           | 39pF    | 50V | SL   | DD104-979SL390J50 | K26171019 |       |      |
| C 2037          | AL. ELECTRO. CAP.      | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2038          | CHIP CAP.              | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2039          | AL. ELECTRO. CAP.      | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2040          | CERAMIC CAP.           | 220pF   | 50V | SL   | DD107-979SL221J50 | K26171037 |       |      |
| C 2041          | CERAMIC CAP.           | 160p    | 50V | SL   | DD106-979SL161J50 | K26171034 |       |      |
| C 2042          | CERAMIC CAP.           | 91p     | 50V | SL   | DD105-979SL910J50 | K26171028 |       |      |
| C 2043          | CERAMIC CAP.           | 47pF    | 50V | SL   | DD104-979SL470J50 | K26171021 |       |      |
| C 2044          | CERAMIC CAP.           | 33pF    | 50V | SL   | DD104-979SL330J50 | K26171017 |       |      |
| C 2045          | CERAMIC CAP.           | 24p     | 50V | SL   | DD104-979SL240J50 | K26171014 |       |      |
| C 2046          | CERAMIC CAP.           | 15pF    | 50V | SL   | DD104-979SL150J50 | K26171009 |       |      |
| C 2047          | CERAMIC CAP.           | 0.001uF | 50V | B    | UP050B102K-A-B    | K28179001 |       |      |
| C 2048          | CERAMIC CAP.           | 430p    | 50V | SL   | DD109-979SL431J50 | K26171044 |       |      |
| C 2049          | CERAMIC CAP.           | 270pF   | 50V | SL   | DD107-979SL271J50 | K26171039 |       |      |
| C 2050          | CERAMIC CAP.           | 220pF   | 50V | SL   | DD107-979SL221J50 | K26171037 |       |      |



# RF Unit

| REF.   | DESCRIPTION       | VALUE   | WV  | TOL. | MFGR'S DESIG      | YAESU P/N | VERS. | Addr |
|--------|-------------------|---------|-----|------|-------------------|-----------|-------|------|
| C 2051 | CERAMIC CAP.      | 160p    | 50V | SL   | DD106-979SL161J50 | K26171034 |       |      |
| C 2052 | CERAMIC CAP.      | 100pF   | 50V | SL   | DD105-979SL101J50 | K26171029 |       |      |
| C 2053 | CERAMIC CAP.      | 82pF    | 50V | SL   | DD104-979SL820J50 | K26171027 |       |      |
| C 2054 | CHIP CAP.         | 150pF   | 50V | CH   | GRM40CH151J50PT   | K22170239 |       |      |
| C 2055 | CERAMIC CAP.      | 220pF   | 50V | SL   | DD107-979SL221J50 | K26171037 |       |      |
| C 2056 | CERAMIC CAP.      | 160p    | 50V | SL   | DD106-979SL161J50 | K26171034 |       |      |
| C 2057 | CERAMIC CAP.      | 91p     | 50V | SL   | DD105-979SL910J50 | K26171028 |       |      |
| C 2058 | CERAMIC CAP.      | 47pF    | 50V | SL   | DD104-979SL470J50 | K26171021 |       |      |
| C 2059 | CERAMIC CAP.      | 33pF    | 50V | SL   | DD104-979SL330J50 | K26171017 |       |      |
| C 2060 | CERAMIC CAP.      | 24p     | 50V | SL   | DD104-979SL240J50 | K26171014 |       |      |
| C 2061 | CERAMIC CAP.      | 15pF    | 50V | SL   | DD104-979SL150J50 | K26171009 |       |      |
| C 2062 | CHIP CAP.         | 330pF   | 50V | CH   | GRM40CH331J50PT   | K22170247 |       |      |
| C 2063 | CHIP CAP.         | 330pF   | 50V | CH   | GRM40CH331J50PT   | K22170247 |       |      |
| C 2064 | CERAMIC CAP.      | 470pF   | 50V | SL   | DD109-979SL471J50 | K26171045 |       |      |
| C 2065 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2066 | CERAMIC CAP.      | 240p    | 50V | SL   | DD107-979SL241J50 | K26171038 |       |      |
| C 2067 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2068 | CERAMIC CAP.      | 150pF   | 50V | SL   | DD106-979SL151J50 | K26171033 |       |      |
| C 2069 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2070 | CERAMIC CAP.      | 120pF   | 50V | SL   | DD105-979SL121J50 | K26171031 |       |      |
| C 2071 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2072 | CERAMIC CAP.      | 82pF    | 50V | SL   | DD104-979SL820J50 | K26171027 |       |      |
| C 2073 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2074 | CERAMIC CAP.      | 56pF    | 50V | SL   | DD104-979SL560J50 | K26171023 |       |      |
| C 2075 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2076 | CERAMIC CAP.      | 39pF    | 50V | SL   | DD104-979SL390J50 | K26171019 |       |      |
| C 2077 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2078 | CHIP CAP.         | 150pF   | 50V | CH   | GRM40CH151J50PT   | K22170239 |       |      |
| C 2079 | AL. ELECTRO. CAP. | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2080 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2081 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2082 | AL. ELECTRO. CAP. | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2087 | AL. ELECTRO. CAP. | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2088 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2089 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2090 | AL. ELECTRO. CAP. | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2091 | CHIP CAP.         | 68pF    | 50V | CH   | GRM40CH680J50PT   | K22170231 |       |      |
| C 2093 | CHIP CAP.         | 68pF    | 50V | CH   | GRM40CH680J50PT   | K22170231 |       |      |
| C 2094 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2095 | AL. ELECTRO. CAP. | 1uF     | 50V |      | 50V010M4X7TR2     | K46170030 |       |      |
| C 2096 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2097 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2098 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2099 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2100 | CHIP CAP.         | 0.047uF | 50V | F    | GRM40F473Z50PT    | K22171008 |       |      |
| C 2101 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2105 | CHIP CAP.         | 0.001uF | 50V | B    | GRM40B102M50PT    | K22170805 |       |      |
| C 2108 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2109 | CHIP CAP.         | 150pF   | 50V | CH   | GRM40CH151J50PT   | K22170239 |       |      |
| C 2110 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2111 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2112 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2113 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2114 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2115 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |
| C 2117 | CHIP CAP.         | 0.01uF  | 50V | B    | GRM40B103M50PT    | K22170817 |       |      |

| REF.   | DESCRIPTION       | VALUE    | WV  | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|--------|-------------------|----------|-----|------|-----------------|-----------|-------|------|
| C 2120 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2121 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2122 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2123 | CHIP CAP.         | 100pF    | 50V | CH   | GRM40CH101J50PT | K22170235 |       |      |
| C 2124 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2127 | CHIP CAP.         | 0.0068uF | 50V | B    | GRM40B682M50PT  | K22170815 |       |      |
| C 2128 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2130 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2131 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2132 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2133 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2134 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2135 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2136 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2137 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2138 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2140 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2141 | CHIP CAP.         | 3pF      | 50V | UJ   | GRM40UJ030C50PT | K22170304 |       |      |
| C 2143 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2144 | CHIP CAP.         | 100pF    | 50V | CH   | GRM40CH101J50PT | K22170235 |       |      |
| C 2145 | CHIP CAP.         | 330pF    | 50V | UJ   | GRM40UJ331J50PT | K22170347 |       |      |
| C 2146 | CHIP CAP.         | 330pF    | 50V | UJ   | GRM40UJ331J50PT | K22170347 |       |      |
| C 2147 | CHIP CAP.         | 100pF    | 50V | CH   | GRM40CH101J50PT | K22170235 |       |      |
| C 2148 | CHIP CAP.         | 330pF    | 50V | UJ   | GRM40UJ331J50PT | K22170347 |       |      |
| C 2149 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2150 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2151 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2152 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2153 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2154 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2155 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2156 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2157 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2158 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2159 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2160 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2161 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2162 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2163 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2164 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2168 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2169 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2170 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 2171 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2174 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2175 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2177 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 2179 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2181 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 2187 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2188 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 2189 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2190 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 2191 | CHIP CAP.         | 0.022uF  | 50V | B    | GRM40B223M50PT  | K22170821 |       |      |
| C 2192 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2193 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |



# RF Unit

| REF.   | DESCRIPTION       | VALUE    | WV  | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|--------|-------------------|----------|-----|------|-----------------|-----------|-------|------|
| C 2195 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2196 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2197 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2198 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2199 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 2200 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2201 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 2202 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2203 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 2204 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 2206 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2207 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2208 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2209 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2210 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2211 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2212 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2213 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2214 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2215 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2216 | CHIP CAP.         | 22pF     | 50V | CH   | GRM40CH220J50PT | K22170219 |       |      |
| C 2217 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2218 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2219 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2220 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2221 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2222 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 2223 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2224 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2225 | AL. ELECTRO. CAP. | 3.3uF    | 50V |      | 50V3R3M4X7TR2   | K46170032 |       |      |
| C 2226 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 2227 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 2228 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 2229 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2230 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2231 | CHIP CAP.         | 120pF    | 50V | CH   | GRM40CH121J50PT | K22170237 |       |      |
| C 2233 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 2235 | CHIP CAP.         | 0.0068uF | 50V | B    | GRM40B682M50PT  | K22170815 |       |      |
| C 2240 | CHIP CAP.         | 470pF    | 50V | CH   | GRM40CH471J50PT | K22170251 |       |      |
| C 2241 | CHIP CAP.         | 100pF    | 50V | CH   | GRM40CH101J50PT | K22170235 |       |      |
| C 2242 | CHIP CAP.         | 470pF    | 50V | CH   | GRM40CH471J50PT | K22170251 |       |      |
| C 2243 | CHIP CAP.         | 470pF    | 50V | CH   | GRM40CH471J50PT | K22170251 |       |      |
| C 2244 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2245 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 2246 | CHIP CAP.         | 0.0047uF | 50V | B    | GRM40B472M50PT  | K22170813 |       |      |
| C 2247 | TANTALUM CAP.     | 0.22uF   | 35V |      | DN1VR22M1S      | K70167224 |       |      |
| C 2248 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 2249 | AL. ELECTRO. CAP. | 100uF    | 10V |      | RC2-10V101M     | K40109015 |       |      |
| C 2250 | TANTALUM CAP.     | 1.5      | 35V |      | DN1V1R5M1S      | K70167155 |       |      |
| C 2251 | CHIP CAP.         | 470pF    | 50V | CH   | GRM40CH471J50PT | K22170251 |       |      |
| C 2252 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2253 | AL. ELECTRO. CAP. | 1uF      | 50V |      | 50V010M4X7TR2   | K46170030 |       |      |
| C 2254 | AL. ELECTRO. CAP. | 100uF    | 16V |      | 16V101M6X7TR2   | K46120007 |       |      |
| C 2255 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2256 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2257 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |

| REF.   | DESCRIPTION       | VALUE    | WV  | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|--------|-------------------|----------|-----|------|-----------------|-----------|-------|------|
| C 2258 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2259 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2260 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2261 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2263 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2264 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2265 | CHIP CAP.         | 0.1uF    | 25V | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 2267 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2268 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2269 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2270 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2271 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2272 | CHIP CAP.         | 0.1uF    | 25V | F    | GRM40F104Z25PT  | K22141005 |       |      |
| C 2273 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2274 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2275 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2276 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2278 | AL. ELECTRO. CAP. | 2.2uF    | 50V |      | 50V2R2M4X7TR2   | K46170031 |       |      |
| C 2279 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 2280 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2283 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2284 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2285 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2286 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2287 | CHIP CAP.         | 0.0068uF | 50V | B    | GRM40B682M50PT  | K22170815 |       |      |
| C 2294 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2295 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2296 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2297 | CHIP CAP.         | 5pF      | 50V | CH   | GRM40CH050C50PT | K22170206 |       |      |
| C 2298 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2299 | CHIP CAP.         | 33pF     | 50V | UJ   | GRM40UJ330J50PT | K22170323 |       |      |
| C 2300 | CHIP CAP.         | 33pF     | 50V | UJ   | GRM40UJ330J50PT | K22170323 |       |      |
| C 2302 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2308 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2309 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2310 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2311 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2312 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2313 | AL. ELECTRO. CAP. | 100uF    | 16V |      | 16V101M6X7TR2   | K46120007 |       |      |
| C 2314 | AL. ELECTRO. CAP. | 100uF    | 16V |      | 16V101M6X7TR2   | K46120007 |       |      |
| C 2315 | CHIP CAP.         | 560pF    | 50V | B    | GRM40B561M50PT  | K22170802 |       |      |
| C 2316 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2317 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2318 | CHIP CAP.         | 82pF     | 50V | CH   | GRM40CH820J50PT | K22170233 |       |      |
| C 2319 | CHIP CAP.         | 82pF     | 50V | CH   | GRM40CH820J50PT | K22170233 |       |      |
| C 2320 | CHIP CAP.         | 0.001uF  | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2321 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2322 | CHIP CAP.         | 3pF      | 50V | CJ   | GRM40CJ030C50PT | K22170204 |       |      |
| C 2323 | CHIP CAP.         | 0.01uF   | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2324 | CHIP CAP.         | 22pF     | 50V | CH   | GRM40CH220J50PT | K22170219 |       |      |
| C 2325 | AL. ELECTRO. CAP. | 100uF    | 16V |      | 16V101M6X7TR2   | K46120007 |       |      |
| C 2326 | CHIP CAP.         | 68pF     | 50V | CH   | GRM40CH680J50PT | K22170231 |       |      |
| C 2327 | CHIP CAP.         | 68pF     | 50V | CH   | GRM40CH680J50PT | K22170231 |       |      |
| C 2328 | CHIP CAP.         | 22pF     | 50V | CH   | GRM40CH220J50PT | K22170219 |       |      |
| C 2329 | AL. ELECTRO. CAP. | 10uF     | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 2330 | CHIP CAP.         | 0.047uF  | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |



# RF Unit

| REF.   | DESCRIPTION        | VALUE   | WV  | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|--------|--------------------|---------|-----|------|-----------------|-----------|-------|------|
| C 2331 | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2332 | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2333 | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2334 | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2335 | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2336 | CHIP CAP.          | 0.1uF   | 25V | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 2337 | CHIP CAP.          | 8pF     | 50V | CH   | GRM40CH080D50PT | K22170209 |       |      |
| C 2338 | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 2339 | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2340 | TANTALUM CHIP CAP. | 6.8uF   | 16V |      | F951C685MWCAF1  | K78120004 |       |      |
| C 2341 | CHIP CAP.          | 0.1uF   | 25V | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 2342 | CERAMIC CAP.       | 0.01uF  | 16V | Y    | EP050Y103N-A    | K28129001 |       |      |
| C 2343 | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2344 | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2345 | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2346 | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 2347 | CHIP CAP.          | 0.022uF | 50V | B    | GRM40B223M50PT  | K22170821 |       |      |
| C 2348 | CHIP CAP.          | 33pF    | 50V | CH   | GRM40CH330J50PT | K22170223 |       |      |
| C 2349 | CHIP CAP.          | 33pF    | 50V | CH   | GRM40CH330J50PT | K22170223 |       |      |
| C 2350 | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2351 | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2352 | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 2353 | TANTALUM CAP.      | 10uF    | 10V |      | DN1A100M1S      | K70107106 |       |      |
| C 2354 | CERAMIC CAP.       | 22pF    | 50V | CH   | DD104CH220J50   | K02179009 |       |      |
| C 2355 | TANTALUM CAP.      | 10uF    | 10V |      | DN1A100M1S      | K70107106 |       |      |
| C 2356 | CHIP CAP.          | 47pF    | 50V | CH   | GRM40CH470J50PT | K22170227 |       |      |
| C 2357 | CHIP CAP.          | 68pF    | 50V | CH   | GRM40CH680J50PT | K22170231 |       |      |
| C 2358 | TANTALUM CAP.      | 10uF    | 10V |      | DN1A100M1S      | K70107106 |       |      |
| CD2001 | CERAMIC DISC       |         |     |      | CDB455C7        | H7900180  |       |      |
| CF2001 | CERAMIC FILTER     |         |     |      | LF-H6SC         | H3900377  |       |      |
| CF2002 | CERAMIC FILTER     |         |     |      | CFJ455K15       | H3900398  |       |      |
| CF2004 | CERAMIC FILTER     |         |     |      | LF-H8S          | H3900387  |       |      |
| D 2001 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2002 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2003 | DIODE              |         |     |      | 1SS270TJ        | G2060004  |       |      |
| D 2004 | DIODE              |         |     |      | 1SS270TJ        | G2060004  |       |      |
| D 2005 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2006 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2007 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2008 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2009 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2010 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2011 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2012 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2013 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2014 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2015 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2016 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2017 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2018 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2019 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2020 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |
| D 2021 | DIODE              |         |     |      | 1SS83RE         | G2050007  |       |      |

| REF.   | DESCRIPTION | VALUE | WV | TOL. | MFGR'S DESIG | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|----|------|--------------|-----------|-------|------|
| D 2022 | DIODE       |       |    |      | 1SS83RE      | G2050007  |       |      |
| D 2023 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2025 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2027 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2030 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2031 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2032 | DIODE       |       |    |      | 1SV50        | G2090023  |       |      |
| D 2033 | DIODE       |       |    |      | 1SS226 TE85R | G2070003  |       |      |
| D 2034 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2035 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2036 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2037 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2038 | DIODE       |       |    |      | 1SS106       | G2090244  |       |      |
| D 2039 | DIODE       |       |    |      | 1SS106       | G2090244  |       |      |
| D 2040 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2041 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2042 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2043 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2044 | DIODE       |       |    |      | 1SS226 TE85R | G2070003  |       |      |
| D 2045 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2046 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2047 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2048 | DIODE       |       |    |      | 1SS181 TE85R | G2070001  |       |      |
| D 2049 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2050 | DIODE       |       |    |      | 1SS106       | G2090244  |       |      |
| D 2051 | DIODE       |       |    |      | 1SS106       | G2090244  |       |      |
| D 2052 | DIODE       |       |    |      | 1SS106       | G2090244  |       |      |
| D 2053 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2054 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2056 | DIODE       |       |    |      | HVU306A5TRF  | G2070132  |       |      |
| D 2057 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2058 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2059 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2060 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2061 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2062 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2063 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2064 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2065 | DIODE       |       |    |      | 1SS181 TE85R | G2070001  |       |      |
| D 2066 | DIODE       |       |    |      | 1SS181 TE85R | G2070001  |       |      |
| D 2069 | DIODE       |       |    |      | 1SS83RE      | G2050007  |       |      |
| D 2070 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2071 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2072 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2073 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2074 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2077 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2078 | DIODE       |       |    |      | ND487C2-3R   | G2090135  |       |      |
| D 2079 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2080 | DIODE       |       |    |      | 1SS270TJ     | G2060004  |       |      |
| D 2081 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2083 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2084 | DIODE       |       |    |      | 1SS181 TE85R | G2070001  |       |      |
| D 2085 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |
| D 2086 | DIODE       |       |    |      | 1SS184 TE85R | G2070009  |       |      |



# RF Unit

| REF.   | DESCRIPTION | VALUE  | WV | TOL. | MFGR'S DESIG   | YAESU P/N | VERS. | Addr |
|--------|-------------|--------|----|------|----------------|-----------|-------|------|
| J 2001 | CONNECTOR   |        |    |      | SC25-04WS      | P0090623  |       |      |
| J 2003 | CONNECTOR   |        |    |      | TCS7930-15-401 | P1090698  |       |      |
| J 2004 | CONNECTOR   |        |    |      | SC25-02WS      | P0090621  |       |      |
| J 2006 | CONNECTOR   |        |    |      | SC25-03WS      | P0090622  |       |      |
| J 2007 | CONNECTOR   |        |    |      | SC25-02WS      | P0090621  |       |      |
| J 2008 | CONNECTOR   |        |    |      | SC25-03WS      | P0090622  |       |      |
| J 2009 | CONNECTOR   |        |    |      | SC25-02WS      | P0090621  |       |      |
| J 2010 | CONNECTOR   |        |    |      | SC25-02WS      | P0090621  |       |      |
| J 2011 | CONNECTOR   |        |    |      | 52030-1610     | P1090657  |       |      |
| J 2012 | CONNECTOR   |        |    |      | TCS7930-16-401 | P1090699  |       |      |
| J 2013 | CONNECTOR   |        |    |      | SC25-05WS      | P0090624  |       |      |
| J 2014 | CONNECTOR   |        |    |      | S-G4617#03     | P1090351  |       |      |
| J 2015 | CONNECTOR   |        |    |      | SB20-02WS      | P0090609  |       |      |
| J 2016 | CONNECTOR   |        |    |      | SC25-04WS      | P0090623  |       |      |
| J 2017 | CONNECTOR   |        |    |      | SC25-06WS      | P0090625  |       |      |
| J 2018 | CONNECTOR   |        |    |      | SC25-04WS      | P0090623  |       |      |
| J 2019 | CONNECTOR   |        |    |      | SC25-02WS      | P0090621  |       |      |
| J 2020 | CONNECTOR   |        |    |      | TCS7930-18-401 | P1090700  |       |      |
| J 2021 | CONNECTOR   |        |    |      | SC25-02WS      | P0090621  |       |      |
| J 2022 | CONNECTOR   |        |    |      | SC25-08WS      | P0090627  |       |      |
| J 2023 | CONNECTOR   |        |    |      | S-Q3097-01     | P1090348  |       |      |
| J 2024 | CONNECTOR   |        |    |      | TMP-J01X-A2    | P1090255  |       |      |
| J 2025 | CONNECTOR   |        |    |      | S-Q3097-04     | P1090354  |       |      |
| J 2026 | CONNECTOR   |        |    |      | TMP-J01X-A2    | P1090255  |       |      |
| J 2027 | CONNECTOR   |        |    |      | TMP-J01X-A2    | P1090255  |       |      |
| J 2028 | CONNECTOR   |        |    |      | S-Q3097-02     | P1090296  |       |      |
| J 2029 | CONNECTOR   |        |    |      | TMP-J01X-A2    | P1090255  |       |      |
| L 2001 | COIL        |        |    |      | 0.170U T25-6   | L0021221  |       |      |
| L 2002 | COIL        |        |    |      | 0.240U T25-6   | L0021222  |       |      |
| L 2003 | M. RFC      | 10uH   |    |      | LAP02TA100K    | L1790058  |       |      |
| L 2004 | M. RFC      | 8.2uH  |    |      | LAP02TA8R2K    | L1790057  |       |      |
| L 2005 | M. RFC      | 4.7uH  |    |      | LAP02TA4R7K    | L1790054  |       |      |
| L 2006 | M. RFC      | 2.7u   |    |      | LAP02TA2R7K    | L1790051  |       |      |
| L 2007 | M. RFC      | 1.8u   |    |      | LAP02TA1R8K    | L1790049  |       |      |
| L 2008 | M. RFC      | 1.5u   |    |      | LAP02TA1R5K    | L1790048  |       |      |
| L 2009 | M. RFC      | 0.82uH |    |      | LAP02TA82K     | L1790045  |       |      |
| L 2010 | M. RFC      | 1mH    |    |      | LAL03VB102K    | L1790164  |       |      |
| L 2011 | M. RFC      | 27uH   |    |      | LAP02TA270K    | L1790063  |       |      |
| L 2012 | M. RFC      | 12uH   |    |      | LAP02TA120K    | L1790059  |       |      |
| L 2013 | M. RFC      | 8.2uH  |    |      | LAP02TA8R2K    | L1790057  |       |      |
| L 2014 | M. RFC      | 6.8uH  |    |      | LAP02TA6R8K    | L1790056  |       |      |
| L 2015 | M. RFC      | 4.7uH  |    |      | LAP02TA4R7K    | L1790054  |       |      |
| L 2016 | M. RFC      | 3.3uH  |    |      | LAP02TA3R3K    | L1790052  |       |      |
| L 2017 | M. RFC      | 2.2uH  |    |      | LAP02TA2R2K    | L1790050  |       |      |
| L 2018 | M. RFC      | 33uH   |    |      | LAP02TA330K    | L1790064  |       |      |
| L 2019 | M. RFC      | 6.8uH  |    |      | LAP02TA6R8K    | L1790056  |       |      |
| L 2020 | M. RFC      | 4.7uH  |    |      | LAP02TA4R7K    | L1790054  |       |      |
| L 2021 | M. RFC      | 2.7u   |    |      | LAP02TA2R7K    | L1790051  |       |      |
| L 2022 | M. RFC      | 1.5u   |    |      | LAP02TA1R5K    | L1790048  |       |      |
| L 2023 | M. RFC      | 1uH    |    |      | LAP02TA1R0K    | L1790046  |       |      |
| L 2024 | M. RFC      | 0.82uH |    |      | LAP02TA82K     | L1790045  |       |      |
| L 2025 | M. RFC      | 0.47uH |    |      | LAP02TA47K     | L1790042  |       |      |
| L 2026 | M. RFC      | 33uH   |    |      | LAP02TA330K    | L1790064  |       |      |
| L 2027 | M. RFC      | 27uH   |    |      | LAP02TA270K    | L1790063  |       |      |
| L 2028 | M. RFC      | 12uH   |    |      | LAP02TA120K    | L1790059  |       |      |

| REF.   | DESCRIPTION | VALUE   | WV | TOL. | MFGR'S DESIG      | YAESU P/N | VERS. | Addr |
|--------|-------------|---------|----|------|-------------------|-----------|-------|------|
| L 2029 | M. RFC      | 8. 2uH  |    |      | LAP02TA8R2K       | L1790057  |       |      |
| L 2030 | M. RFC      | 6. 8uH  |    |      | LAP02TA6R8K       | L1790056  |       |      |
| L 2031 | M. RFC      | 4. 7uH  |    |      | LAP02TA4R7K       | L1790054  |       |      |
| L 2032 | M. RFC      | 3. 3uH  |    |      | LAP02TA3R3K       | L1790052  |       |      |
| L 2033 | M. RFC      | 2. 2uH  |    |      | LAP02TA2R2K       | L1790050  |       |      |
| L 2034 | M. RFC      | 33uH    |    |      | LAP02TA330K       | L1790064  |       |      |
| L 2035 | M. RFC      | 10uH    |    |      | LAP02TA100K       | L1790058  |       |      |
| L 2036 | M. RFC      | 8. 2uH  |    |      | LAP02TA8R2K       | L1790057  |       |      |
| L 2037 | M. RFC      | 4. 7uH  |    |      | LAP02TA4R7K       | L1790054  |       |      |
| L 2038 | M. RFC      | 2. 7u   |    |      | LAP02TA2R7K       | L1790051  |       |      |
| L 2039 | M. RFC      | 1. 8u   |    |      | LAP02TA1R8K       | L1790049  |       |      |
| L 2040 | M. RFC      | 1. 5u   |    |      | LAP02TA1R5K       | L1790048  |       |      |
| L 2041 | M. RFC      | 0. 82uH |    |      | LAP02TA82K        | L1790045  |       |      |
| L 2043 | M. RFC      | 1mH     |    |      | LAL03VB102K       | L1790164  |       |      |
| L 2044 | M. RFC      | 6. 8uH  |    |      | LAP02TA6R8K       | L1790056  |       |      |
| L 2047 | COIL        |         |    |      | 0. 240U T25-6     | L0021222  |       |      |
| L 2048 | M. RFC      | 10uH    |    |      | LAP02TA100K       | L1790058  |       |      |
| L 2050 | M. RFC      | 1mH     |    |      | LAL03TA102K       | L1790119  |       |      |
| L 2053 | M. RFC      | 10uH    |    |      | LAP02TA100K       | L1790058  |       |      |
| L 2061 | M. RFC      | 47uH    |    |      | LAP02TA470K       | L1790066  |       |      |
| L 2062 | COIL        |         |    |      | 8. 67M R12-L721X  | L0022134  |       |      |
| L 2072 | M. RFC      | 1mH     |    |      | LAL03VB102K       | L1790164  |       |      |
| L 2075 | M. RFC      | 1mH     |    |      | RCR-875D-102K     | L1190392  |       |      |
| L 2076 | M. RFC      | 22uH    |    |      | LAP02TA220K       | L1790062  |       |      |
| L 2077 | M. RFC      | 22uH    |    |      | LAP02TA220K       | L1790062  |       |      |
| L 2080 | M. RFC      | 4. 7uH  |    |      | LAP02TA4R7K       | L1790054  |       |      |
| L 2081 | M. RFC      | 100uH   |    |      | LAP02TA101K       | L1790070  |       |      |
| L 2082 | COIL        |         |    |      | 0. 75U R12-L720X  | L0022133  |       |      |
| L 2083 | M. RFC      | 1mH     |    |      | RCR-875D-102K     | L1190392  |       |      |
| L 2084 | M. RFC      | 3. 9m   |    |      | RCR-875D-392K     | L1190383  |       |      |
| L 2085 | M. RFC      | 3. 9m   |    |      | RCR-875D-392K     | L1190383  |       |      |
| L 2087 | M. RFC      | 220uH   |    |      | LAP02TA221K       | L1790074  |       |      |
| L 2088 | COIL        |         |    |      | 0. 420U T25-6     | L0021245  |       |      |
| L 2089 | M. RFC      | 1uH     |    |      | LAP02TA1R0K       | L1790046  |       |      |
| L 2090 | M. RFC      | 150uH   |    |      | LAP02TA151K       | L1790072  |       |      |
| L 2091 | M. RFC      | 22uH    |    |      | LAP02TA220K       | L1790062  |       |      |
| L 2092 | COIL        |         |    |      | 0. 240U T25-6     | L0021222  |       |      |
| L 2093 | COIL        | 100uH   |    |      | 32CS 380HB-101K=P | L1690051  |       |      |
| L 2094 | COIL        | 100uH   |    |      | 32CS 380HB-101K=P | L1690051  |       |      |
| L 2095 | M. RFC      | 10uH    |    |      | LAP02TA100K       | L1790058  |       |      |
| L 2096 | COIL        | 1. 5u   |    |      | 32CS 380LB-1R5M=P | L1690031  |       |      |
| Q 2001 | TRANSISTOR  |         |    |      | FA1A4M-T2B        | G3070001  |       | a1   |
| Q 2002 | TRANSISTOR  |         |    |      | FN1A4P-T2B        | G3070011  |       | b3   |
| Q 2003 | TRANSISTOR  |         |    |      | FA1A4M-T2B        | G3070001  |       | b3   |
| Q 2004 | TRANSISTOR  |         |    |      | FA1A4P-T2B        | G3070006  |       | a1   |
| Q 2005 | FET         |         |    |      | 2SK125            | G3801250  |       | A5   |
| Q 2006 | FET         |         |    |      | 2SK125            | G3801250  |       | A4   |
| Q 2007 | FET         |         |    |      | 2SK125            | G3801250  |       | A3   |
| Q 2008 | FET         |         |    |      | 2SK125            | G3801250  |       | A3   |
| Q 2009 | FET         |         |    |      | 2SK125            | G3801250  |       | A3   |
| Q 2010 | FET         |         |    |      | 2SK125            | G3801250  |       | A3   |
| Q 2011 | TRANSISTOR  |         |    |      | 2SC2053           | G3320530  |       | A4   |
| Q 2014 | FET         |         |    |      | 3SK131-T2B V11    | G4801317A |       | b5   |
| Q 2015 | TRANSISTOR  |         |    |      | 2SC2714YTE85R     | G3327147Y |       | d5   |
| Q 2016 | FET         |         |    |      | 2SK302Y TE85R     | G3803027Y |       | b5   |

# RF Unit

| REF.   | DESCRIPTION      | VALUE | WV    | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|--------|------------------|-------|-------|------|-----------------|-----------|-------|------|
| Q 2017 | FET              |       |       |      | 2SK302Y TE85R   | G3803027Y |       | b5   |
| Q 2018 | TRANSISTOR       |       |       |      | 2SC2714YTE85R   | G3327147Y |       | c3   |
| Q 2019 | TRANSISTOR       |       |       |      | 2SC2714YTE85R   | G3327147Y |       | c3   |
| Q 2020 | IC               |       |       |      | UPC1037H        | G1090101  |       | D4   |
| Q 2021 | FET              |       |       |      | 3SK131-T2B V11  | G4801317A |       | d3   |
| Q 2022 | FET              |       |       |      | 3SK131-T2B V11  | G4801317A |       | d2   |
| Q 2031 | IC               |       |       |      | M5223FP-72A     | G1090990  |       | b3   |
| Q 2032 | IC               |       |       |      | UPD4011BG-T2    | G1091026  |       | c3   |
| Q 2033 | FET              |       |       |      | 3SK131-T2B V11  | G4801317A |       | d2   |
| Q 2035 | TRANSISTOR       |       |       |      | 2SC2712GR TE85R | G3327127G |       | b5   |
| Q 2036 | FET              |       |       |      | 3SK131-T2B V11  | G4801317A |       | c5   |
| Q 2037 | TRANSISTOR       |       |       |      | 2SC2712GR TE85R | G3327127G |       | b5   |
| Q 2038 | FET              |       |       |      | 3SK131-T2B V11  | G4801317A |       | b5   |
| Q 2040 | FET              |       |       |      | 2SK302Y TE85R   | G3803027Y |       | d5   |
| Q 2041 | IC               |       |       |      | MC3372ML        | G1091108  |       | c4   |
| Q 2042 | TRANSISTOR       |       |       |      | FA1A4P-T2B      | G3070006  |       | c3   |
| Q 2043 | TRANSISTOR       |       |       |      | 2SC2712GR TE85R | G3327127G |       | d2   |
| Q 2044 | TRANSISTOR       |       |       |      | 2SC2712GR TE85R | G3327127G |       | d1   |
| Q 2045 | TRANSISTOR       |       |       |      | 2SC2712GR TE85R | G3327127G |       | d1   |
| Q 2046 | TRANSISTOR       |       |       |      | FA1A4P-T2B      | G3070006  |       | c1   |
| Q 2047 | FET              |       |       |      | 2SK160-T2B K6   | G3801607F |       | c1   |
| Q 2048 | FET              |       |       |      | 2SK302Y TE85R   | G3803027Y |       | b4   |
| Q 2049 | FET              |       |       |      | 2SK302Y TE85R   | G3803027Y |       | b5   |
| Q 2050 | FET              |       |       |      | 3SK131-T2B V11  | G4801317A |       | c5   |
| Q 2051 | TRANSISTOR       |       |       |      | 2SC1973         | G3319730  |       | C6   |
| Q 2053 | TRANSISTOR       |       |       |      | 2SC2026         | G3320260  |       | C5   |
| Q 2054 | TRANSISTOR       |       |       |      | 2SC2712GR TE85R | G3327127G |       | c3   |
| Q 2055 | TRANSISTOR       |       |       |      | FA1A4P-T2B      | G3070006  |       | c1   |
| Q 2056 | FET              |       |       |      | 3SK131-T2B V11  | G4801317A |       | a6   |
| Q 2058 | TRANSISTOR       |       |       |      | 2SC2714YTE85R   | G3327147Y |       | b4   |
| Q 2059 | TRANSISTOR       |       |       |      | 2SC2714YTE85R   | G3327147Y |       | b4   |
| Q 2060 | TRANSISTOR       |       |       |      | FN1A4P-T2B      | G3070011  |       | b4   |
| Q 2061 | TRANSISTOR       |       |       |      | FA1A4P-T2B      | G3070006  |       | a1   |
| Q 2062 | IC               |       |       |      | SN74LS145N      | G1090395  |       | C6   |
| Q 2063 | IC               |       |       |      | IR3M03N2        | G1091300  |       | c2   |
| Q 2064 | TRANSISTOR       |       |       |      | FA1A4P-T2B      | G3070006  |       | c5   |
| Q 2065 | TRANSISTOR       |       |       |      | FA1A4P-T2B      | G3070006  |       | c4   |
| Q 2066 | TRANSISTOR       |       |       |      | FA1A4P-T2B      | G3070006  |       | d4   |
| Q 2067 | IC               |       |       |      | TC4S81F TE85R   | G1090895  |       | c4   |
| Q 2068 | IC               |       |       |      | TC4S81F TE85R   | G1090895  |       | c4   |
| Q 2069 | TRANSISTOR       |       |       |      | FA1A4P-T2B      | G3070006  |       | c4   |
| Q 2070 | TRANSISTOR       |       |       |      | FN1A4P-T2B      | G3070011  |       | c4   |
| Q 2071 | TRANSISTOR       |       |       |      | FA1A4P-T2B      | G3070006  |       | c4   |
| Q 2072 | TRANSISTOR       |       |       |      | FN1A4P-T2B      | G3070011  |       | b3   |
| R 2001 | CHIP RES.        | 220   | 1/10W |      | RMC1/10T 221J   | J24205221 |       |      |
| R 2002 | CHIP RES.        | 390   | 1/10W |      | RMC1/10T 391J   | J24205391 |       |      |
| R 2003 | CHIP RES.        | 150   | 1/10W |      | RMC1/10T 151J   | J24205151 |       |      |
| R 2004 | CHIP RES.        | 68    | 1/10W |      | RMC1/10T 680J   | J24205680 |       |      |
| R 2005 | CHIP RES.        | 180   | 1/10W |      | RMC1/10T 181J   | J24205181 |       |      |
| R 2006 | CARBON FILM RES. | 180   | 1/4W  |      | RD14SJ181       | J02245181 |       |      |
| R 2007 | CHIP RES.        | 10    | 1/10W |      | RMC1/10T 100J   | J24205100 |       |      |
| R 2008 | CHIP RES.        | 10    | 1/10W |      | RMC1/10T 100J   | J24205100 |       |      |
| R 2009 | CHIP RES.        | 10    | 1/10W |      | RMC1/10T 100J   | J24205100 |       |      |
| R 2010 | CHIP RES.        | 10    | 1/10W |      | RMC1/10T 100J   | J24205100 |       |      |
| R 2011 | CHIP RES.        | 10    | 1/10W |      | RMC1/10T 100J   | J24205100 |       |      |



| REF.   | DESCRIPTION      | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|------------------|-------|-------|------|---------------|-----------|-------|------|
| R 2012 | CHIP RES.        | 10    | 1/10W |      | RMC1/10T 100J | J24205100 |       |      |
| R 2013 | CHIP RES.        | 10    | 1/10W |      | RMC1/10T 100J | J24205100 |       |      |
| R 2014 | CHIP RES.        | 10    | 1/10W |      | RMC1/10T 100J | J24205100 |       |      |
| R 2015 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2016 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2017 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2018 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2019 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2020 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2021 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2023 | CARBON FILM RES. | 220   | 1/4W  |      | RD14SJ221     | J02245221 |       |      |
| R 2024 | CHIP RES.        | 68    | 1/10W |      | RMC1/10T 680J | J24205680 |       |      |
| R 2025 | CARBON FILM RES. | 330   | 1/6W  |      | RD16TPJ331    | J07225331 |       |      |
| R 2028 | CHIP RES.        | 15    | 1/10W |      | RMC1/10T 150J | J24205150 |       |      |
| R 2029 | CHIP RES.        | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 2030 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2031 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 2032 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 2033 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 2034 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 2035 | CHIP RES.        | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 2036 | CHIP RES.        | 15    | 1/10W |      | RMC1/10T 150J | J24205150 |       |      |
| R 2037 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2038 | CHIP RES.        | 68K   | 1/10W |      | RMC1/10T 683J | J24205683 |       |      |
| R 2041 | CARBON FILM RES. | 4.7   | 1/4W  |      | RD14SJ4R7     | J02245479 |       |      |
| R 2042 | CARBON FILM RES. | 100   | 1/4W  |      | RD14SJ101     | J02245101 |       |      |
| R 2043 | CHIP RES.        | 680   | 1/10W |      | RMC1/10T 681J | J24205681 |       |      |
| R 2044 | CHIP RES.        | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 2045 | CHIP RES.        | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 2046 | CHIP RES.        | 68K   | 1/10W |      | RMC1/10T 683J | J24205683 |       |      |
| R 2047 | CHIP RES.        | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2049 | CHIP RES.        | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 2050 | CHIP RES.        | 10    | 1/10W |      | RMC1/10T 100J | J24205100 |       |      |
| R 2052 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 2053 | CHIP RES.        | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 2057 | CHIP RES.        | 470K  | 1/10W |      | RMC1/10T 474J | J24205474 |       |      |
| R 2058 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2059 | CHIP RES.        | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 2060 | CHIP RES.        | 330   | 1/10W |      | RMC1/10T 331J | J24205331 |       |      |
| R 2061 | CHIP RES.        | 390   | 1/10W |      | RMC1/10T 391J | J24205391 |       |      |
| R 2064 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 2065 | CHIP RES.        | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2066 | CHIP RES.        | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 2067 | CHIP RES.        | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 2068 | CHIP RES.        | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 2069 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2070 | CHIP RES.        | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 2071 | CHIP RES.        | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 2072 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2073 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2074 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2075 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2076 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2077 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 2078 | CHIP RES.        | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2079 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |

# RF Unit

| REF.   | DESCRIPTION | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|-------|------|---------------|-----------|-------|------|
| R 2080 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2081 | CHIP RES.   | 4.7K  | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 2082 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2083 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 2084 | CHIP RES.   | 330   | 1/10W |      | RMC1/10T 331J | J24205331 |       |      |
| R 2086 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2088 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 2090 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 2091 | CHIP RES.   | 390   | 1/10W |      | RMC1/10T 391J | J24205391 |       |      |
| R 2092 | CHIP RES.   | 3.3K  | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 2093 | CHIP RES.   | 68K   | 1/10W |      | RMC1/10T 683J | J24205683 |       |      |
| R 2094 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2095 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 2096 | CHIP RES.   | 390   | 1/10W |      | RMC1/10T 391J | J24205391 |       |      |
| R 2097 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 2100 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2101 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 2102 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 2103 | CHIP RES.   | 2.2K  | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 2104 | CHIP RES.   | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 2105 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2106 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2107 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2108 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2109 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 2110 | CHIP RES.   | 4.7K  | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 2111 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2112 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2113 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 2119 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2120 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 2121 | CHIP RES.   | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 2122 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2123 | CHIP RES.   | 330   | 1/10W |      | RMC1/10T 331J | J24205331 |       |      |
| R 2124 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 2125 | CHIP RES.   | 470K  | 1/10W |      | RMC1/10T 474J | J24205474 |       |      |
| R 2126 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2127 | CHIP RES.   | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 2128 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 2129 | CHIP RES.   | 2.2K  | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 2130 | CHIP RES.   | 10    | 1/10W |      | RMC1/10T 100J | J24205100 |       |      |
| R 2131 | CHIP RES.   | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 2132 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2133 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 2134 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2135 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2136 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2137 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2138 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2139 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2140 | CHIP RES.   | 4.7K  | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 2141 | CHIP RES.   | 4.7K  | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 2142 | CHIP RES.   | 4.7K  | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 2143 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2144 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2145 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |

| REF.   | DESCRIPTION | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|-------|------|---------------|-----------|-------|------|
| R 2146 | CHIP RES.   | 3. 3K | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 2147 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 2148 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 2149 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 2150 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2151 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2152 | CHIP RES.   | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 2153 | CHIP RES.   | 150K  | 1/10W |      | RMC1/10T 154J | J24205154 |       |      |
| R 2154 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 2155 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2156 | CHIP RES.   | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 2157 | CHIP RES.   | 470K  | 1/10W |      | RMC1/10T 474J | J24205474 |       |      |
| R 2158 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 2159 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 2160 | CHIP RES.   | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 2161 | CHIP RES.   | 1. 5K | 1/10W |      | RMC1/10T 152J | J24205152 |       |      |
| R 2162 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 2163 | CHIP RES.   | 1. 5K | 1/10W |      | RMC1/10T 152J | J24205152 |       |      |
| R 2164 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2165 | CHIP RES.   | 820   | 1/10W |      | RMC1/10T 821J | J24205821 |       |      |
| R 2166 | CHIP RES.   | 6. 8K | 1/10W |      | RMC1/10T 682J | J24205682 |       |      |
| R 2169 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2170 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 2171 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 2172 | CHIP RES.   | 2. 2M | 1/10W |      | RMC1/10T 225J | J24205225 |       |      |
| R 2173 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2174 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2175 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2176 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2177 | CHIP RES.   | 2. 2K | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 2178 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 2179 | CHIP RES.   | 1. 5M | 1/10W |      | RMC1/10T 155J | J24205155 |       |      |
| R 2180 | CHIP RES.   | 4. 7K | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 2181 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 2182 | CHIP RES.   | 68K   | 1/10W |      | RMC1/10T 683J | J24205683 |       |      |
| R 2183 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2184 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2185 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2186 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2187 | CHIP RES.   | 330K  | 1/10W |      | RMC1/10T 334J | J24205334 |       |      |
| R 2188 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2189 | CHIP RES.   | 150K  | 1/10W |      | RMC1/10T 154J | J24205154 |       |      |
| R 2190 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 2191 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2192 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 2193 | CHIP RES.   | 15K   | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 2195 | CHIP RES.   | 220   | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 2196 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2197 | CHIP RES.   | 120K  | 1/10W |      | RMC1/10T 124J | J24205124 |       |      |
| R 2198 | CHIP RES.   | 68K   | 1/10W |      | RMC1/10T 683J | J24205683 |       |      |
| R 2201 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2202 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2203 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2204 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2205 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 2206 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |



# RF Unit

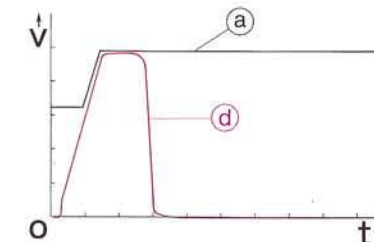
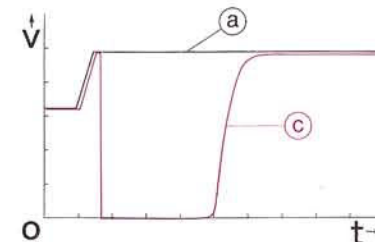
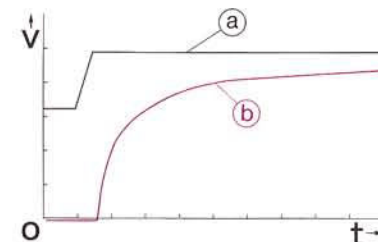
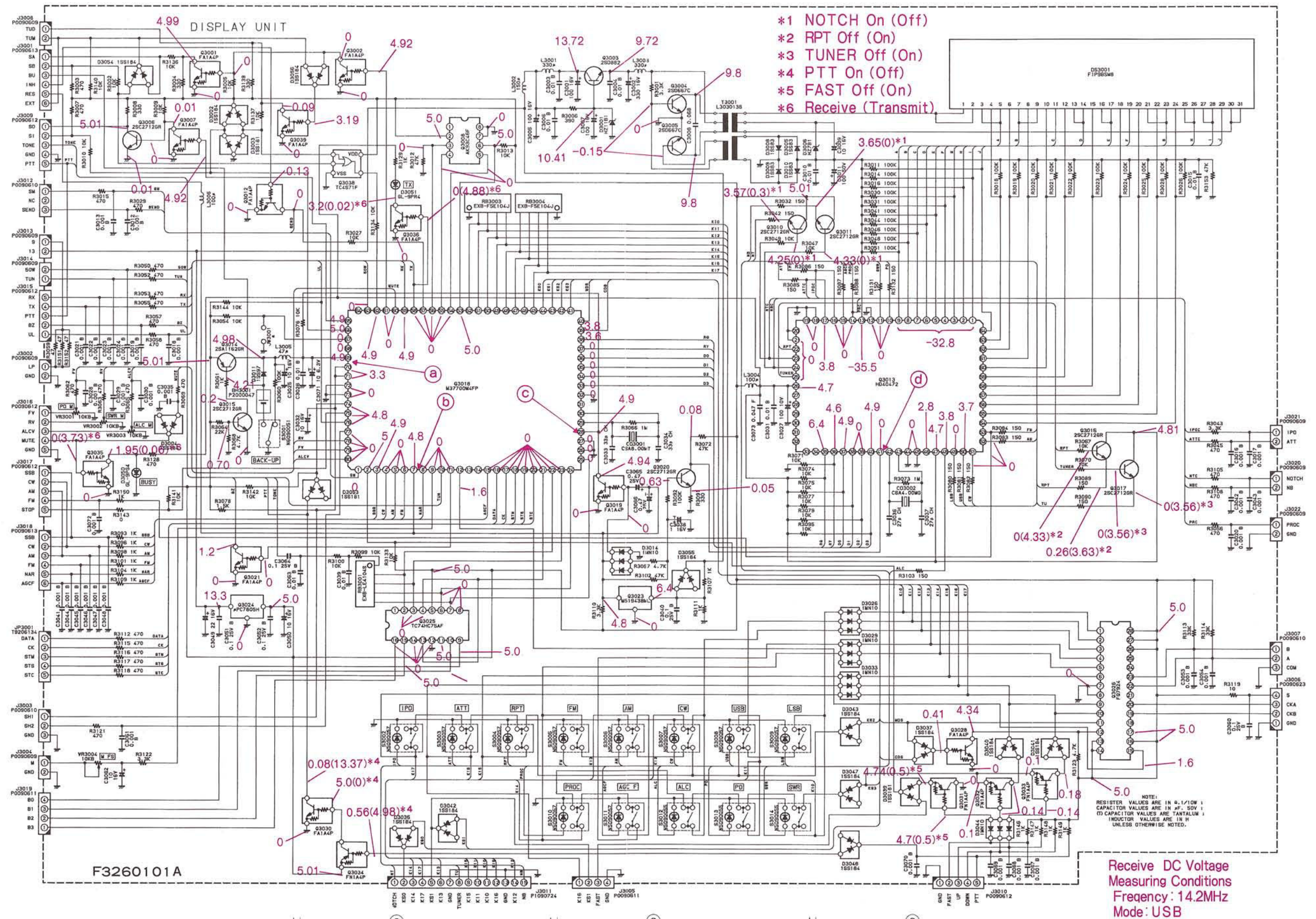
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|--------|------------------|--------|-------|------|---------------|-----------|-------|------|
| R 2207 | CHIP RES.        | 220    | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 2210 | CHIP RES.        | 1K     | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2212 | CARBON FILM RES. | 100    | 1/2W  |      | RD12TJ101     | J01275101 |       |      |
| R 2215 | CHIP RES.        | 47     | 1/10W |      | RMC1/10T 470J | J24205470 |       |      |
| R 2216 | CHIP RES.        | 3. 3K  | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 2217 | CHIP RES.        | 4. 7K  | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 2218 | CHIP RES.        | 470    | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 2219 | CHIP RES.        | 150    | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 2220 | CHIP RES.        | 1K     | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2221 | CHIP RES.        | 47K    | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 2222 | CHIP RES.        | 1K     | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2223 | CHIP RES.        | 1K     | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2228 | CHIP RES.        | 10K    | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 2232 | CHIP RES.        | 10     | 1/10W |      | RMC1/10T 100J | J24205100 |       |      |
| R 2234 | CHIP RES.        | 100    | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2235 | CHIP RES.        | 10     | 1/10W |      | RMC1/10T 100J | J24205100 |       |      |
| R 2236 | CHIP RES.        | 270    | 1/10W |      | RMC1/10T 271J | J24205271 |       |      |
| R 2237 | CHIP RES.        | 1K     | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2238 | CHIP RES.        | 56     | 1/10W |      | RMC1/10T 560J | J24205560 |       |      |
| R 2239 | CHIP RES.        | 47K    | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 2240 | CHIP RES.        | 15K    | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 2241 | CHIP RES.        | 220    | 1/10W |      | RMC1/10T 221J | J24205221 |       |      |
| R 2247 | CHIP RES.        | 10K    | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 2248 | CHIP RES.        | 100    | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2249 | CHIP RES.        | 470    | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 2250 | CHIP RES.        | 0      | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 2251 | CHIP RES.        | 100    | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2252 | CHIP RES.        | 470    | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 2253 | CHIP RES.        | 100K   | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2256 | CHIP RES.        | 470    | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 2257 | CHIP RES.        | 12K    | 1/10W |      | RMC1/10T 123J | J24205123 |       |      |
| R 2258 | CHIP RES.        | 15K    | 1/10W |      | RMC1/10T 153J | J24205153 |       |      |
| R 2259 | CHIP RES.        | 100    | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 2260 | CHIP RES.        | 3. 9K  | 1/10W |      | RMC1/10T 392J | J24205392 |       |      |
| R 2261 | CHIP RES.        | 100K   | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2262 | CHIP RES.        | 100K   | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2263 | CHIP RES.        | 100K   | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 2269 | CHIP RES.        | 1K     | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2270 | CHIP RES.        | 1K     | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2271 | CHIP RES.        | 1K     | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2272 | CHIP RES.        | 1K     | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 2273 | CARBON FILM RES. | 1      | 1/4W  |      | RD14SJ1R0     | J02245010 |       |      |
| R 2274 | CARBON FILM RES. | 1      | 1/4W  |      | RD14SJ1R0     | J02245010 |       |      |
| R 2275 | METAL FILM RES.  | 8. 87K | 1/4W  | 1%   | MRS25F 8. 87K | J20249046 |       |      |
| R 2276 | METAL FILM RES.  | 1. 43K | 1/4W  |      | MRS25F 1. 43K | J20249102 |       |      |
| R 2277 | CHIP RES.        | 3. 3K  | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 2278 | CHIP RES.        | 3. 3K  | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 2279 | CHIP RES.        | 22K    | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2280 | CHIP RES.        | 22K    | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2281 | CHIP RES.        | 22K    | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2282 | CHIP RES.        | 22K    | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2283 | CHIP RES.        | 22K    | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2284 | CHIP RES.        | 22K    | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2285 | CHIP RES.        | 22K    | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2286 | CHIP RES.        | 22K    | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 2287 | CHIP RES.        | 3. 3K  | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |

| REF.   | DESCRIPTION      | VALUE | WV    | TOL. | MFGR'S DESIG     | YAESU P/N | VERS. | Addr |
|--------|------------------|-------|-------|------|------------------|-----------|-------|------|
| R 2291 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J    | J24205102 |       |      |
| R 2292 | CHIP RES.        | 2.2K  | 1/10W |      | RMC1/10T 222J    | J24205222 |       |      |
| R 2293 | CHIP RES.        | 2.2K  | 1/10W |      | RMC1/10T 222J    | J24205222 |       |      |
| R 2296 | CHIP RES.        | 0     | 1/10W |      | RMC1/10T 000J    | J24205000 |       |      |
| R 2297 | CHIP RES.        | 0     | 1/10W |      | RMC1/10T 000J    | J24205000 |       |      |
| R 2298 | CHIP RES.        | 2.2K  | 1/10W |      | RMC1/10T 222J    | J24205222 |       |      |
| R 2299 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J    | J24205102 |       |      |
| R 2300 | CHIP RES.        | 0     | 1/10W |      | RMC1/10T 000J    | J24205000 |       |      |
| R 2301 | CHIP RES.        | 0     | 1/10W |      | RMC1/10T 000J    | J24205000 |       |      |
| R 2302 | CHIP RES.        | 1.5K  | 1/10W |      | RMC1/10T 152J    | J24205152 |       |      |
| R 2303 | CHIP RES.        | 4.7K  | 1/10W |      | RMC1/10T 472J    | J24205472 |       |      |
| R 2304 | CHIP RES.        | 47K   | 1/10W |      | RMC1/10T 473J    | J24205473 |       |      |
| R 2305 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J    | J24205103 |       |      |
| R 2306 | CHIP RES.        | 6.8K  | 1/10W |      | RMC1/10T 682J    | J24205682 |       |      |
| R 2307 | CHIP RES.        | 22K   | 1/10W |      | RMC1/10T 223J    | J24205223 |       |      |
| R 2308 | CARBON FILM RES. | 220   | 1/6W  |      | RD16TPJ221       | J07225221 |       |      |
| R 2309 | CARBON FILM RES. | 390   | 1/6W  |      | RD16TPJ391       | J07225391 |       |      |
| R 2310 | CARBON FILM RES. | 180   | 1/6W  |      | RD16TPJ181       | J07225181 |       |      |
| R 2311 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J    | J24205103 |       |      |
| R 2312 | CHIP RES.        | 4.7K  | 1/10W |      | RMC1/10T 472J    | J24205472 |       |      |
| R 2313 | CHIP RES.        | 0     | 1/10W |      | RMC1/10T 000J    | J24205000 |       |      |
| R 2315 | CHIP RES.        | 2.2K  | 1/10W |      | RMC1/10T 222J    | J24205222 |       |      |
| R 2316 | CHIP RES.        | 10    | 1/10W |      | RMC1/10T 100J    | J24205100 |       |      |
| R 2317 | CHIP RES.        | 100   | 1/10W |      | RMC1/10T 101J    | J24205101 |       |      |
| R 2318 | CHIP RES.        | 150   | 1/10W |      | RMC1/10T 151J    | J24205151 |       |      |
| R 2319 | CARBON FILM RES. | 100   | 1/6W  |      | RD16TPJ101       | J07225101 |       |      |
| R 2320 | CHIP RES.        | 56    | 1/10W |      | RMC1/10T 560J    | J24205560 |       |      |
| R 2321 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J    | J24205102 |       |      |
| R 2322 | CHIP RES.        | 220   | 1/10W |      | RMC1/10T 221J    | J24205221 |       |      |
| R 2323 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J    | J24205103 |       |      |
| R 2324 | CHIP RES.        | 2.2K  | 1/10W |      | RMC1/10T 222J    | J24205222 |       |      |
| R 2325 | CHIP RES.        | 1K    | 1/10W |      | RMC1/10T 102J    | J24205102 |       |      |
| R 2326 | CHIP RES.        | 180   | 1/10W |      | RMC1/10T 181J    | J24205181 |       |      |
| R 2327 | CHIP RES.        | 330   | 1/10W |      | RMC1/10T 331J    | J24205331 |       |      |
| R 2328 | CHIP RES.        | 120   | 1/10W |      | RMC1/10T 121J    | J24205121 |       |      |
| R 2329 | CHIP RES.        | 0     | 1/10W |      | RMC1/10T 000J    | J24205000 |       |      |
| R 2330 | CHIP RES.        | 10K   | 1/10W |      | RMC1/10T 103J    | J24205103 |       |      |
| R 2331 | CHIP RES.        | 100K  | 1/10W |      | RMC1/10T 104J    | J24205104 |       |      |
| R 2332 | CARBON FILM RES. | 4.7K  | 1/6W  |      | RD16TPJ472       | J07225472 |       |      |
| R 2333 | CARBON FILM RES. | 1K    | 1/6W  |      | RD16TPJ102       | J07225102 |       |      |
| R 2904 | CHIP RES.        | 0     | 1/10W |      | RMC1/10T 000J    | J24205000 |       |      |
| R 2905 | CHIP RES.        | 0     | 1/10W |      | RMC1/10T 000J    | J24205000 |       |      |
| R 2908 | CHIP RES.        | 0     | 1/10W |      | RMC1/10T 000J    | J24205000 |       |      |
| R 2909 | CHIP RES.        | 0     | 1/10W |      | RMC1/10T 000J    | J24205000 |       |      |
| R 2910 | CHIP RES.        | 0     | 1/10W |      | RMC1/10T 000J    | J24205000 |       |      |
| RL2001 | RELAY            |       | DC12V |      | AG2013           | M1190045  |       |      |
| RL2002 | RELAY            |       | DC12V |      | AG4013           | M1190090  |       |      |
| S 2001 | SLIDE SWITCH     |       |       |      | SS912L4NS        | N6090066  |       |      |
| T 2001 | COIL             |       |       |      | 4-1 2001F FR6    | L0021351  |       |      |
| T 2002 | COIL             |       |       |      | 4-1 2001F FR6    | L0021351  |       |      |
| T 2003 | COIL             |       |       |      | - 2001F          | L0021973  |       |      |
| T 2004 | COIL             |       |       |      | 4-1 2D3 TR6X3    | L0020788A |       |      |
| T 2005 | COIL             |       |       |      | 73.62M R12-J757A | L0021957  |       |      |

# RF Unit

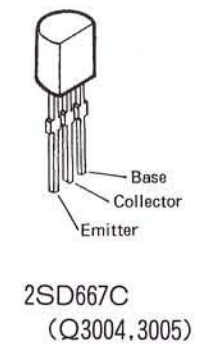
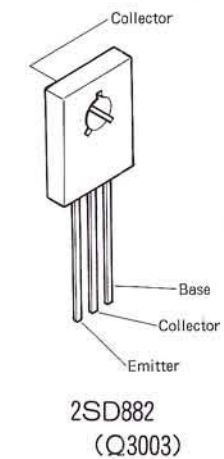
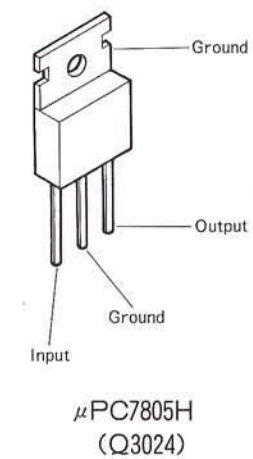
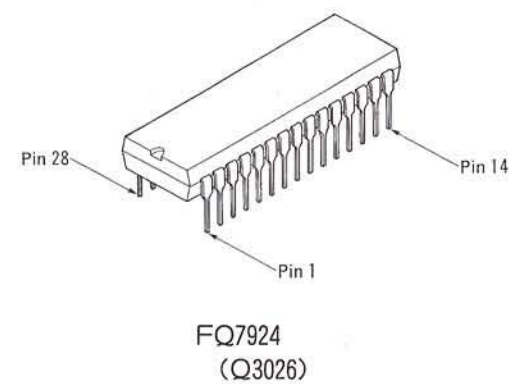
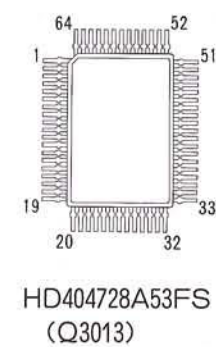
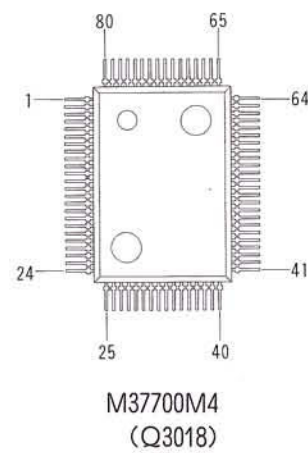
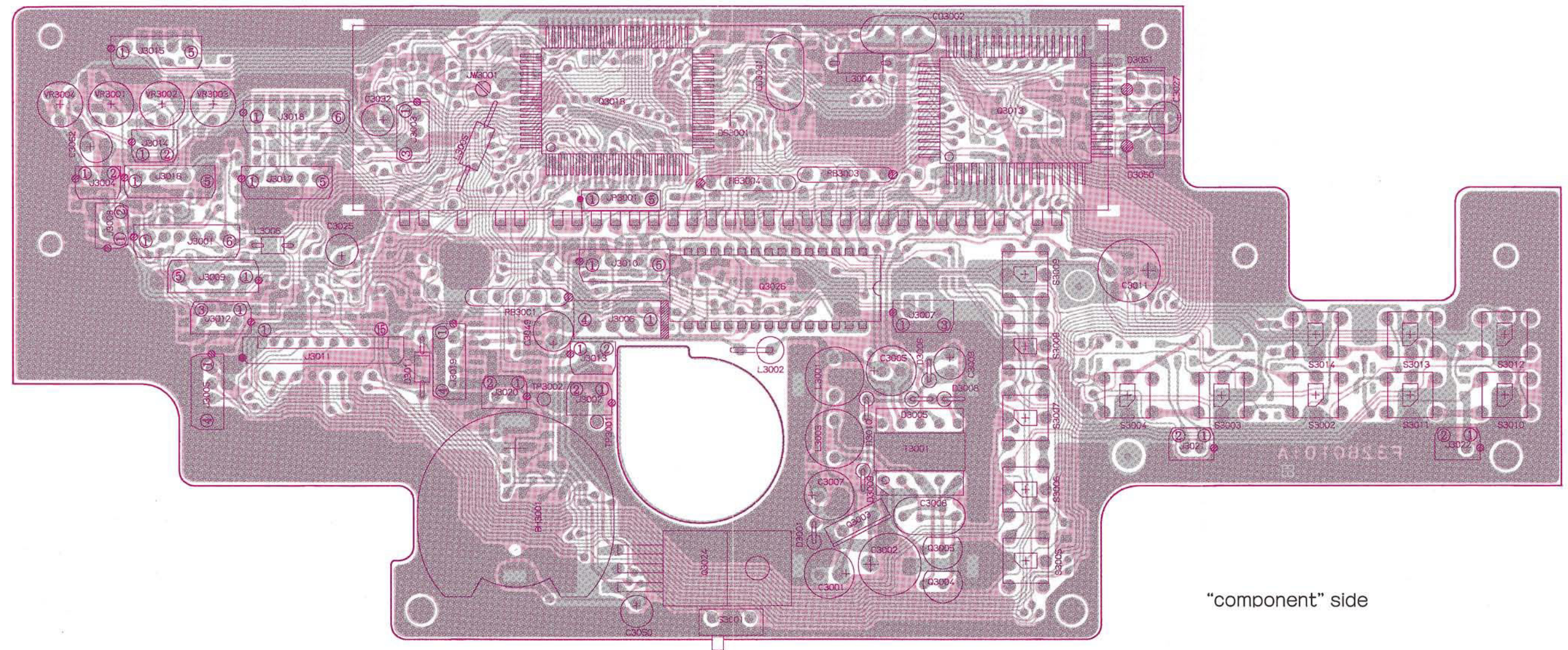
| REF.   | DESCRIPTION   | VALUE     | WV | TOL. | MFGR'S DESIG     | YAESU P/N | VERS. | Addr |
|--------|---------------|-----------|----|------|------------------|-----------|-------|------|
| T 2006 | 07 WIDE TRANS |           |    |      | 4-1 3A           | L0021462  |       |      |
| T 2009 | COIL          |           |    |      | 73.62M S-135-214 | L0021960  |       |      |
| T 2010 | COIL          |           |    |      | 73.62M S-135-214 | L0021960  |       |      |
| T 2011 | COIL          |           |    |      | 73.62M S-135-214 | L0021960  |       |      |
| T 2012 | COIL          |           |    |      | 73.62M R12-J757A | L0021957  |       |      |
| T 2013 | 07 WIDE TRANS |           |    |      | 4-1 3A           | L0021462  |       |      |
| T 2014 | COIL          |           |    |      | 455K             | L0020860  |       |      |
| T 2015 | COIL          |           |    |      | R12-7947C        | L0020422  |       |      |
| T 2016 | COIL          |           |    |      | 455K R12-5898C   | L0190026  |       |      |
| T 2017 | COIL          |           |    |      | 455K R12-5898C   | L0190026  |       |      |
| T 2018 | COIL          |           |    |      | R12-7947C        | L0020422  |       |      |
| T 2019 | COIL          |           |    |      | 8.20M R12-4043A  | L0021199  |       |      |
| T 2020 | COIL          |           |    |      | R12-7947C        | L0020422  |       |      |
| T 2021 | COIL          |           |    |      | R12-7947C        | L0020422  |       |      |
| T 2022 | COIL          |           |    |      | R12-7943B        | L0020420  |       |      |
| T 2023 | COIL          |           |    |      | R12-7935A        | L0020421  |       |      |
| T 2024 | COIL          |           |    |      | R12-7947C        | L0020422  |       |      |
| T 2025 | COIL          |           |    |      | R12-7947C        | L0020422  |       |      |
| T 2026 | COIL          |           |    |      | R12-7943B        | L0020420  |       |      |
| T 2027 | COIL          |           |    |      | 455K             | L0020860  |       |      |
| T 2028 | COIL          |           |    |      | 73.62M R12-J757A | L0021957  |       |      |
| T 2029 | COIL          |           |    |      | 73.62M R12-J757A | L0021957  |       |      |
| T 2030 | COIL          |           |    |      | 4-1 2D3 TR6X3    | L0020788A |       |      |
| T 2031 | COIL          |           |    |      | 4-1 2D3 TR6X3    | L0020788A |       |      |
| T 2032 | COIL          |           |    |      | 8.20M R12-4043A  | L0021199  |       |      |
| TH2001 | THERMISTOR    |           |    |      | 112252-2         | G9090016  |       |      |
| TH2002 | THERMISTOR    |           |    |      | 112252-2         | G9090016  |       |      |
| TH2004 | THERMISTOR    |           |    |      | 112302-2         | G9090010  |       |      |
| TH2005 | THERMISTOR    |           |    |      | 112501-2         | G9090013  |       |      |
| TH2006 | THERMISTOR    |           |    |      | 112501-2         | G9090013  |       |      |
| TP2001 | TP-F          |           |    |      | TP-F IPS-1032    | Q5000026  |       |      |
| TP2002 | TP-F          |           |    |      | TP-F IPS-1032    | Q5000026  |       |      |
| TP2003 | TP-F          |           |    |      | TP-F IPS-1032    | Q5000026  |       |      |
| TP2005 | TP-F          |           |    |      | TP-F IPS-1032    | Q5000026  |       |      |
| VR2001 | POT.          | 4.7KB     |    |      | H0651A011-4.7KB  | J51745472 |       |      |
| VR2002 | POT.          | 4.7KB     |    |      | H0651A011-4.7KB  | J51745472 |       |      |
| VR2003 | POT.          | 2.2KB     |    |      | H0651A009-2.2KB  | J51745222 |       |      |
| VR2004 | POT.          | 2.2KB     |    |      | H0651A009-2.2KB  | J51745222 |       |      |
| VR2005 | POT.          | 10KB      |    |      | H0651A013-10KB   | J51745103 |       |      |
| VR2006 | POT.          | 1KB       |    |      | H0651A007-1KB    | J51745102 |       |      |
| VR2007 | POT.          | 1KB       |    |      | H0651A007-1KB    | J51745102 |       |      |
| VR2008 | POT.          | 100KB     |    |      | H0651A019-100KB  | J51745104 |       |      |
| VR2009 | POT.          | 10KB      |    |      | H0651A013-10KB   | J51745103 |       |      |
| X 2001 | XTAL          | 8.67MHZ   |    |      | HC-18/U          | H0102550  |       |      |
| X 2002 | XTAL          | 70.455MHZ |    |      | HC-49/T          | H0103010  |       |      |
| XF2001 | XTAL          |           |    |      | 70R12BUF         | H1102202  |       |      |
| XF2004 | XTAL          |           |    |      | 8.2M20A          | H1102050  |       |      |





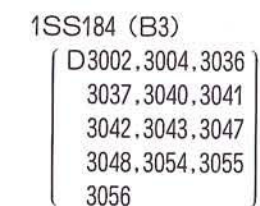
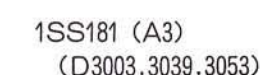
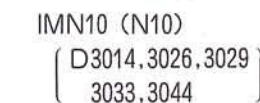
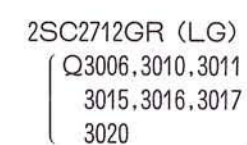
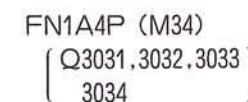
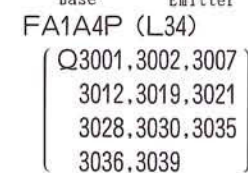
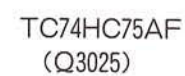
V: 1V/DIV  
t: 10msec/DIV







## e





| REF.                 | DESCRIPTION        | VALUE   | WV  | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|----------------------|--------------------|---------|-----|------|-----------------|-----------|-------|------|
| *** DISPLAY UNIT *** |                    |         |     |      |                 |           |       |      |
|                      | PCB W COMP.        |         |     |      |                 | CA0388001 |       |      |
|                      | PCB W/O COMP.      |         |     |      |                 | F3260101A |       |      |
| BH3001               | BATTERY HOLDER     |         |     |      | CR2032HOLDER    | P2000047  |       |      |
| C 3001               | AL. ELECTRO. CAP.  | 100uF   | 16V |      | 16V101M6X7TR2   | K46120007 |       |      |
| C 3002               | AL. ELECTRO. CAP.  | 330uF   | 16V |      | 16V331M8X11TR5  | K46120002 |       |      |
| C 3003               | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 3004               | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 3005               | AL. ELECTRO. CAP.  | 100uF   | 16V |      | 16V101M6X7TR2   | K46120007 |       |      |
| C 3006               | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 3007               | AL. ELECTRO. CAP.  | 100uF   | 16V |      | 16V101M6X7TR2   | K46120007 |       |      |
| C 3008               | FILM CAP.          | 0.068   | 50V |      | 50F2U683M       | K50177683 |       |      |
| C 3009               | AL. ELECTRO. CAP.  | 10uF    | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 3010               | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 3011               | AL. ELECTRO. CAP.  | 100uF   | 50V |      | 50V101M8X11TR5  | K46170025 |       |      |
| C 3012               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3013               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3015               | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 3016               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3017               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3018               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3019               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3020               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3021               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3022               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3023               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3024               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3025               | AL. ELECTRO. CAP.  | 10uF    | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 3026               | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 3027               | AL. ELECTRO. CAP.  | 100uF   | 10V |      | UVR1A101MCA6    | K40109028 |       |      |
| C 3028               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3029               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3030               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3031               | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 3032               | AL. ELECTRO. CAP.  | 10uF    | 16V |      | 16V100M4X7TR2   | K46120004 |       |      |
| C 3033               | CHIP CAP.          | 33pF    | 50V | CH   | GRM40CH330J50PT | K22170223 |       |      |
| C 3034               | CHIP CAP.          | 33pF    | 50V | CH   | GRM40CH330J50PT | K22170223 |       |      |
| C 3035               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3036               | CHIP CAP.          | 27pF    | 50V | CH   | GRM40CH270J50PT | K22170221 |       |      |
| C 3037               | CHIP CAP.          | 27pF    | 50V | CH   | GRM40CH270J50PT | K22170221 |       |      |
| C 3038               | TANTALUM CHIP CAP. | 1uF     | 16V |      | TESVA1C105M1-8R | K78120009 |       |      |
| C 3039               | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 3040               | CHIP CAP.          | 0.1uF   | 25V | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 3041               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3042               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3043               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3044               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3045               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3046               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3047               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3048               | CHIP CAP.          | 0.001uF | 50V | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 3049               | AL. ELECTRO. CAP.  | 22uF    | 16V |      | 16V220M5X7TR2   | K46120005 |       |      |

# Display Unit

| REF.   | DESCRIPTION        | VALUE   | WV   | TOL. | MFGR'S DESIG     | YAESU P/N | VERS. | Addr |
|--------|--------------------|---------|------|------|------------------|-----------|-------|------|
| C 3050 | AL. ELECTRO. CAP.  | 10uF    | 16V  |      | 16V100M4X7TR2    | K46120004 |       |      |
| C 3051 | CHIP CAP.          | 0.1uF   | 25V  | B    | GRM40B104M25PT   | K22140811 |       |      |
| C 3052 | CHIP CAP.          | 0.1uF   | 25V  | B    | GRM40B104M25PT   | K22140811 |       |      |
| C 3053 | CHIP CAP.          | 0.001uF | 50V  | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 3054 | CHIP CAP.          | 0.001uF | 50V  | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 3060 | CHIP CAP.          | 0.1uF   | 25V  | B    | GRM40B104M25PT   | K22140811 |       |      |
| C 3061 | CHIP CAP.          | 0.001uF | 50V  | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 3062 | AL. ELECTRO. CAP.  | 10uF    | 16V  |      | 16V100M4X7TR2    | K46120004 |       |      |
| C 3063 | CHIP CAP.          | 0.01uF  | 50V  | B    | GRM40B103M50PT   | K22170817 |       |      |
| C 3064 | CHIP CAP.          | 0.1uF   | 25V  | B    | GRM40B104M25PT   | K22140811 |       |      |
| C 3065 | TANTALUM CHIP CAP. | 0.47uF  | 25V  |      | TESVA1E474M1-8R  | K78140009 |       |      |
| C 3066 | TANTALUM CHIP CAP. | 0.47uF  | 25V  |      | TESVA1E474M1-8R  | K78140009 |       |      |
| C 3067 | CHIP CAP.          | 0.001uF | 50V  | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 3068 | CHIP CAP.          | 0.001uF | 50V  | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 3069 | CHIP CAP.          | 0.001uF | 50V  | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 3070 | CHIP CAP.          | 0.001uF | 50V  | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 3071 | TANTALUM CHIP CAP. | 10uF    | 6.3V |      | F950J106MTAAF1Q2 | K78080003 |       |      |
| C 3072 | CHIP CAP.          | 0.001uF | 50V  | B    | GRM40B102M50PT   | K22170805 |       |      |
| C 3073 | CHIP CAP.          | 0.047uF | 50V  | F    | GRM40F473Z50PT   | K22171008 |       |      |
| C03001 | CERAMIC OSC        |         |      |      | CSA8.00MT        | H7900580  |       |      |
| C03002 | CERAMIC OSC        |         |      |      | CSA4.00MG5       | H7900170  |       |      |
| D 3001 | DIODE              |         |      |      | HZ11B1           | G2090143  |       |      |
| D 3002 | DIODE              |         |      |      | 1SS184 TE85R     | G2070009  |       |      |
| D 3003 | DIODE              |         |      |      | 1SS181 TE85R     | G2070001  |       |      |
| D 3004 | DIODE              |         |      |      | 1SS184 TE85R     | G2070009  |       |      |
| D 3005 | DIODE              |         |      |      | 1SS83            | G2090340  |       |      |
| D 3006 | DIODE              |         |      |      | HZ7B1            | G2090229  |       |      |
| D 3008 | DIODE              |         |      |      | 1SS83            | G2090340  |       |      |
| D 3009 | DIODE              |         |      |      | 1SS83            | G2090340  |       |      |
| D 3010 | DIODE              |         |      |      | 1SS83            | G2090340  |       |      |
| D 3011 | DIODE              |         |      |      | 1SS97            | G2090118  |       |      |
| D 3014 | DIODE              |         |      |      | IMN10 T108       | G2070078  |       |      |
| D 3026 | DIODE              |         |      |      | IMN10 T108       | G2070078  |       |      |
| D 3029 | DIODE              |         |      |      | IMN10 T108       | G2070078  |       |      |
| D 3033 | DIODE              |         |      |      | IMN10 T108       | G2070078  |       |      |
| D 3036 | DIODE              |         |      |      | 1SS184 TE85R     | G2070009  |       |      |
| D 3037 | DIODE              |         |      |      | 1SS184 TE85R     | G2070009  |       |      |
| D 3039 | DIODE              |         |      |      | 1SS181 TE85R     | G2070001  |       |      |
| D 3040 | DIODE              |         |      |      | 1SS184 TE85R     | G2070009  |       |      |
| D 3041 | DIODE              |         |      |      | 1SS184 TE85R     | G2070009  |       |      |
| D 3042 | DIODE              |         |      |      | 1SS184 TE85R     | G2070009  |       |      |
| D 3043 | DIODE              |         |      |      | 1SS184 TE85R     | G2070009  |       |      |
| D 3044 | DIODE              |         |      |      | IMN10 T108       | G2070078  |       |      |
| D 3047 | DIODE              |         |      |      | 1SS184 TE85R     | G2070009  |       |      |
| D 3048 | DIODE              |         |      |      | 1SS184 TE85R     | G2070009  |       |      |
| D 3050 | LED                |         |      |      | GL-9PG4          | G2090374  |       |      |
| D 3051 | LED                |         |      |      | GL-9PR4          | G2090375  |       |      |
| D 3053 | DIODE              |         |      |      | 1SS181 TE85R     | G2070001  |       |      |
| D 3054 | DIODE              |         |      |      | 1SS184 TE85R     | G2070009  |       |      |
| D 3055 | DIODE              |         |      |      | 1SS184 TE85R     | G2070009  |       |      |
| D 3056 | DIODE              |         |      |      | 1SS184 TE85R     | G2070009  |       |      |
| DS3001 | FCD                |         |      |      | FIP9BSM8         | G6090084  |       |      |



# Display Unit

| REF.   | DESCRIPTION | VALUE | WV | TOL. | MFGR'S DESIG      | YAESU P/N | VERS.   | Addr |
|--------|-------------|-------|----|------|-------------------|-----------|---------|------|
| J 3001 | CONNECTOR   |       |    |      | SB20-06WS         | P0090613  |         |      |
| J 3002 | CONNECTOR   |       |    |      | SB20-02WS         | P0090609  |         |      |
| J 3003 | CONNECTOR   |       |    |      | SB20-03WS         | P0090610  |         |      |
| J 3004 | CONNECTOR   |       |    |      | SB20-02WS         | P0090609  |         |      |
| J 3005 | CONNECTOR   |       |    |      | SB20-04WS         | P0090611  |         |      |
| J 3006 | CONNECTOR   |       |    |      | SC25-04WS         | P0090623  |         |      |
| J 3007 | CONNECTOR   |       |    |      | SB20-03WS         | P0090610  |         |      |
| J 3008 | CONNECTOR   |       |    |      | SB20-02WS         | P0090609  |         |      |
| J 3009 | CONNECTOR   |       |    |      | SB20-05WS         | P0090612  |         |      |
| J 3010 | CONNECTOR   |       |    |      | SB20-05WS         | P0090612  |         |      |
| J 3011 | CONNECTOR   |       |    |      | 52089-1510        | P1090724  |         |      |
| J 3012 | CONNECTOR   |       |    |      | SB20-03WS         | P0090610  |         |      |
| J 3013 | CONNECTOR   |       |    |      | SB20-02WS         | P0090609  |         |      |
| J 3014 | CONNECTOR   |       |    |      | SB20-02WS         | P0090609  |         |      |
| J 3015 | CONNECTOR   |       |    |      | SB20-05WS         | P0090612  |         |      |
| J 3016 | CONNECTOR   |       |    |      | SB20-05WS         | P0090612  |         |      |
| J 3017 | CONNECTOR   |       |    |      | SB20-05WS         | P0090612  |         |      |
| J 3018 | CONNECTOR   |       |    |      | SB20-06WS         | P0090613  |         |      |
| J 3019 | CONNECTOR   |       |    |      | SB20-04WS         | P0090611  |         |      |
| J 3020 | CONNECTOR   |       |    |      | SB20-02WS         | P0090609  |         |      |
| J 3021 | CONNECTOR   |       |    |      | SB20-02WS         | P0090609  |         |      |
| J 3022 | CONNECTOR   |       |    |      | SB20-02WS         | P0090609  |         |      |
| JP3001 | WIRE-ASSY   |       |    |      |                   | T9206134  |         |      |
| L 3001 | M. RFC      | 330uH |    |      | RCR-875D-331K     | L1190393  |         |      |
| L 3002 | M. RFC      | 150uH |    |      | LAL04NA151K       | L1190037  |         |      |
| L 3003 | M. RFC      | 330uH |    |      | RCR-875D-331K     | L1190393  |         |      |
| L 3004 | M. RFC      | 100uH |    |      | LAL03NA101K       | L1190218  |         |      |
| L 3005 | M. RFC      | 47uH  |    |      | LAL03NA470K       | L1190214  |         |      |
| L 3006 | M. RFC      | 100uH |    |      | LAP02TA101K       | L1790070  |         |      |
| Q 3001 | TRANSISTOR  |       |    |      | FA1A4P-T2B        | G3070006  |         | b7   |
| Q 3002 | TRANSISTOR  |       |    |      | FA1A4P-T2B        | G3070006  |         | b6   |
| Q 3003 | TRANSISTOR  |       |    |      | 2SD882            | G3408820  |         | C4   |
| Q 3004 | TRANSISTOR  |       |    |      | 2SD667C           | G3406670C |         | C5   |
| Q 3005 | TRANSISTOR  |       |    |      | 2SD667C           | G3406670C |         | C5   |
| Q 3006 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R   | G3327127G |         | b6   |
| Q 3007 | TRANSISTOR  |       |    |      | FA1A4P-T2B        | G3070006  |         | b6   |
| Q 3008 | IC          |       |    |      | AK93C46F E-2      | G1091016  |         | a5   |
| Q 3010 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R   | G3327127G |         | c5   |
| Q 3011 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R   | G3327127G |         | c5   |
| Q 3012 | TRANSISTOR  |       |    |      | FA1A4P-T2B        | G3070006  |         | b6   |
| Q 3013 | IC          |       |    |      | HD404728A53FS     | G1091358  |         | A5   |
| Q 3014 | TRANSISTOR  |       |    |      | 2SA1162GR TE85R   | G3111627G |         | b6   |
| Q 3015 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R   | G3327127G |         | b6   |
| Q 3016 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R   | G3327127G |         | a3   |
| Q 3017 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R   | G3327127G |         | a3   |
| Q 3018 | IC          |       |    |      | M37700E4FP MY-026 | G1091551  | DST USA | A3   |
| Q 3018 | IC          |       |    |      | M37700E4FP MY-026 | G1091551  | DST EXP | A3   |
| Q 3019 | TRANSISTOR  |       |    |      | FA1A4P-T2B        | G3070006  |         | a4   |
| Q 3020 | TRANSISTOR  |       |    |      | 2SC2712GR TE85R   | G3327127G |         | a4   |
| Q 3021 | TRANSISTOR  |       |    |      | FA1A4P-T2B        | G3070006  |         | a6   |
| Q 3023 | IC          |       |    |      | M51943BML-301     | G1090991  |         | a4   |
| Q 3024 | IC          |       |    |      | UPC7805H          | G1090299  |         | C4   |
| Q 3025 | IC          |       |    |      | TC74HC75AF TP2    | G1091184  |         | b5   |
| Q 3026 | IC          |       |    |      | FQ7924            | G1091080  |         | B4   |

# Display Unit

| REF.   | DESCRIPTION | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|-------|------|---------------|-----------|-------|------|
| Q 3028 | TRANSISTOR  |       |       |      | FA1A4P-T2B    | G3070006  |       | b4   |
| Q 3030 | TRANSISTOR  |       |       |      | FA1A4P-T2B    | G3070006  |       | b6   |
| Q 3031 | TRANSISTOR  |       |       |      | FN1A4P-T2B    | G3070011  |       | b5   |
| Q 3032 | TRANSISTOR  |       |       |      | FN1A4P-T2B    | G3070011  |       | b4   |
| Q 3033 | TRANSISTOR  |       |       |      | FN1A4P-T2B    | G3070011  |       | b4   |
| Q 3034 | TRANSISTOR  |       |       |      | FN1A4P-T2B    | G3070011  |       | b6   |
| Q 3035 | TRANSISTOR  |       |       |      | FA1A4P-T2B    | G3070006  |       | a7   |
| Q 3036 | TRANSISTOR  |       |       |      | FA1A4P-T2B    | G3070006  |       | a3   |
| Q 3038 | IC          |       |       |      | TC4S71F TE85R | G1090906  |       | b6   |
| Q 3039 | TRANSISTOR  |       |       |      | FA1A4P-T2B    | G3070006  |       | b6   |
| R 3001 | CHIP RES.   | 3. 3K | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 3002 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3003 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3004 | CHIP RES.   | 330   | 1/10W |      | RMC1/10T 331J | J24205331 |       |      |
| R 3005 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3006 | CHIP RES.   | 390   | 1/10W |      | RMC1/10T 391J | J24205391 |       |      |
| R 3007 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3008 | CHIP RES.   | 330   | 1/10W |      | RMC1/10T 331J | J24205331 |       |      |
| R 3009 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3010 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3011 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3012 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 3013 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3014 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3015 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3016 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3018 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3019 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3020 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3021 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3022 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3023 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3024 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3025 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3026 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3027 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3028 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3029 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3030 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3031 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3032 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3041 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3042 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3043 | CHIP RES.   | 3. 3K | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 3044 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3045 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3046 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3047 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3048 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3049 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3050 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3051 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3052 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3053 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3054 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |

| REF.   | DESCRIPTION | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|-------|------|---------------|-----------|-------|------|
| R 3055 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3056 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3057 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3058 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3059 | CHIP RES.   | 47    | 1/10W |      | RMC1/10T 470J | J24205470 |       |      |
| R 3060 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3061 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 3062 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3063 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3064 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 3065 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3066 | CHIP RES.   | 1M    | 1/10W |      | RMC1/10T 105J | J24205105 |       |      |
| R 3067 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3068 | CHIP RES.   | 4.7K  | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 3069 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3070 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3071 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3072 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 3073 | CHIP RES.   | 1M    | 1/10W |      | RMC1/10T 105J | J24205105 |       |      |
| R 3074 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3075 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3076 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3077 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3078 | CHIP RES.   | 1.5K  | 1/10W |      | RMC1/10T 152J | J24205152 |       |      |
| R 3079 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3080 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3081 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3082 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3083 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3084 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3085 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3086 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3087 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3088 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3089 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3090 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3091 | CHIP RES.   | 330   | 1/10W |      | RMC1/10T 331J | J24205331 |       |      |
| R 3092 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 3093 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 3095 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3096 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 3097 | CHIP RES.   | 4.7K  | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 3098 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 3099 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3100 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 3101 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 3102 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 3103 | CHIP RES.   | 150   | 1/10W |      | RMC1/10T 151J | J24205151 |       |      |
| R 3104 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 3105 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3107 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 3108 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |
| R 3109 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 3110 | CHIP RES.   | 3.3K  | 1/10W |      | RMC1/10T 332J | J24205332 |       |      |
| R 3111 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 3112 | CHIP RES.   | 470   | 1/10W |      | RMC1/10T 471J | J24205471 |       |      |



# Display Unit

| REF.   | DESCRIPTION  | VALUE | WV    | TOL. | MFGR'S DESIG   | YAESU P/N | VERS. | Addr |
|--------|--------------|-------|-------|------|----------------|-----------|-------|------|
| R 3113 | CHIP RES.    | 33K   | 1/10W |      | RMC1/10T 333J  | J24205333 |       |      |
| R 3114 | CHIP RES.    | 33K   | 1/10W |      | RMC1/10T 333J  | J24205333 |       |      |
| R 3115 | CHIP RES.    | 470   | 1/10W |      | RMC1/10T 471J  | J24205471 |       |      |
| R 3116 | CHIP RES.    | 470   | 1/10W |      | RMC1/10T 471J  | J24205471 |       |      |
| R 3117 | CHIP RES.    | 470   | 1/10W |      | RMC1/10T 471J  | J24205471 |       |      |
| R 3118 | CHIP RES.    | 470   | 1/10W |      | RMC1/10T 471J  | J24205471 |       |      |
| R 3119 | CHIP RES.    | 10    | 1/10W |      | RMC1/10T 100J  | J24205100 |       |      |
| R 3121 | CHIP RES.    | 470   | 1/10W |      | RMC1/10T 471J  | J24205471 |       |      |
| R 3122 | CHIP RES.    | 3. 3K | 1/10W |      | RMC1/10T 332J  | J24205332 |       |      |
| R 3123 | CHIP RES.    | 4. 7K | 1/10W |      | RMC1/10T 472J  | J24205472 |       |      |
| R 3128 | CHIP RES.    | 470   | 1/10W |      | RMC1/10T 471J  | J24205471 |       |      |
| R 3129 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 3131 | CHIP RES.    | 150   | 1/10W |      | RMC1/10T 151J  | J24205151 |       |      |
| R 3132 | CHIP RES.    | 150   | 1/10W |      | RMC1/10T 151J  | J24205151 |       |      |
| R 3133 | CHIP RES.    | 10K   | 1/10W |      | RMC1/10T 103J  | J24205103 |       |      |
| R 3134 | CHIP RES.    | 10K   | 1/10W |      | RMC1/10T 103J  | J24205103 |       |      |
| R 3136 | CHIP RES.    | 10K   | 1/10W |      | RMC1/10T 103J  | J24205103 |       |      |
| R 3137 | CHIP RES.    | 10K   | 1/10W |      | RMC1/10T 103J  | J24205103 |       |      |
| R 3139 | CHIP RES.    | 330   | 1/10W |      | RMC1/10T 331J  | J24205331 |       |      |
| R 3140 | CHIP RES.    | 10K   | 1/10W |      | RMC1/10T 103J  | J24205103 |       |      |
| R 3141 | CHIP RES.    | 10K   | 1/10W |      | RMC1/10T 103J  | J24205103 |       |      |
| R 3142 | CHIP RES.    | 10K   | 1/10W |      | RMC1/10T 103J  | J24205103 |       |      |
| R 3143 | CHIP RES.    | 0     | 1/10W |      | RMC1/10T 000J  | J24205000 |       |      |
| R 3144 | CHIP RES.    | 10K   | 1/10W |      | RMC1/10T 103J  | J24205103 |       |      |
| R 3146 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 3147 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 3148 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 3149 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 3150 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 3151 | CHIP RES.    | 47    | 1/10W |      | RMC1/10T 470J  | J24205470 |       |      |
| R 3152 | CHIP RES.    | 47    | 1/10W |      | RMC1/10T 470J  | J24205470 |       |      |
| R 3153 | CHIP RES.    | 47K   | 1/10W |      | RMC1/10T 473J  | J24205473 |       |      |
| RB3001 | BLOCK RES.   |       |       |      | EXB-LE4104S    | J40900176 |       |      |
| RB3003 | BLOCK RES.   |       |       |      | EXB-F5E104J    | J40900177 |       |      |
| RB3004 | BLOCK RES.   |       |       |      | EXB-F5E104J    | J40900177 |       |      |
| S 3001 | SLIDE SWITCH |       |       |      | SSS212299      | N6090051  |       |      |
| S 3002 | TACT SWITCH  |       |       |      | SKHQFE         | N5090057  |       |      |
| S 3003 | TACT SWITCH  |       |       |      | SKHQFE         | N5090057  |       |      |
| S 3004 | TACT SWITCH  |       |       |      | SKHQFE         | N5090057  |       |      |
| S 3005 | TACT SWITCH  |       |       |      | SKHQFE         | N5090057  |       |      |
| S 3006 | TACT SWITCH  |       |       |      | SKHQFE         | N5090057  |       |      |
| S 3007 | TACT SWITCH  |       |       |      | SKHQFE         | N5090057  |       |      |
| S 3008 | TACT SWITCH  |       |       |      | SKHQFE         | N5090057  |       |      |
| S 3009 | TACT SWITCH  |       |       |      | SKHQFE         | N5090057  |       |      |
| S 3010 | TACT SWITCH  |       |       |      | SKHQFE         | N5090057  |       |      |
| S 3011 | TACT SWITCH  |       |       |      | SKHQFE         | N5090057  |       |      |
| S 3012 | TACT SWITCH  |       |       |      | SKHQFC         | N5090055  |       |      |
| S 3013 | TACT SWITCH  |       |       |      | SKHQFC         | N5090055  |       |      |
| S 3014 | TACT SWITCH  |       |       |      | SKHQFC         | N5090055  |       |      |
| T 3001 | TRANS.       |       |       |      | EER-137        | L3030138  |       |      |
| VR3001 | POT.         | 10KB  |       |      | H0651A013-10KB | J51745103 |       |      |
| VR3002 | POT.         | 10KB  |       |      | H0651A013-10KB | J51745103 |       |      |

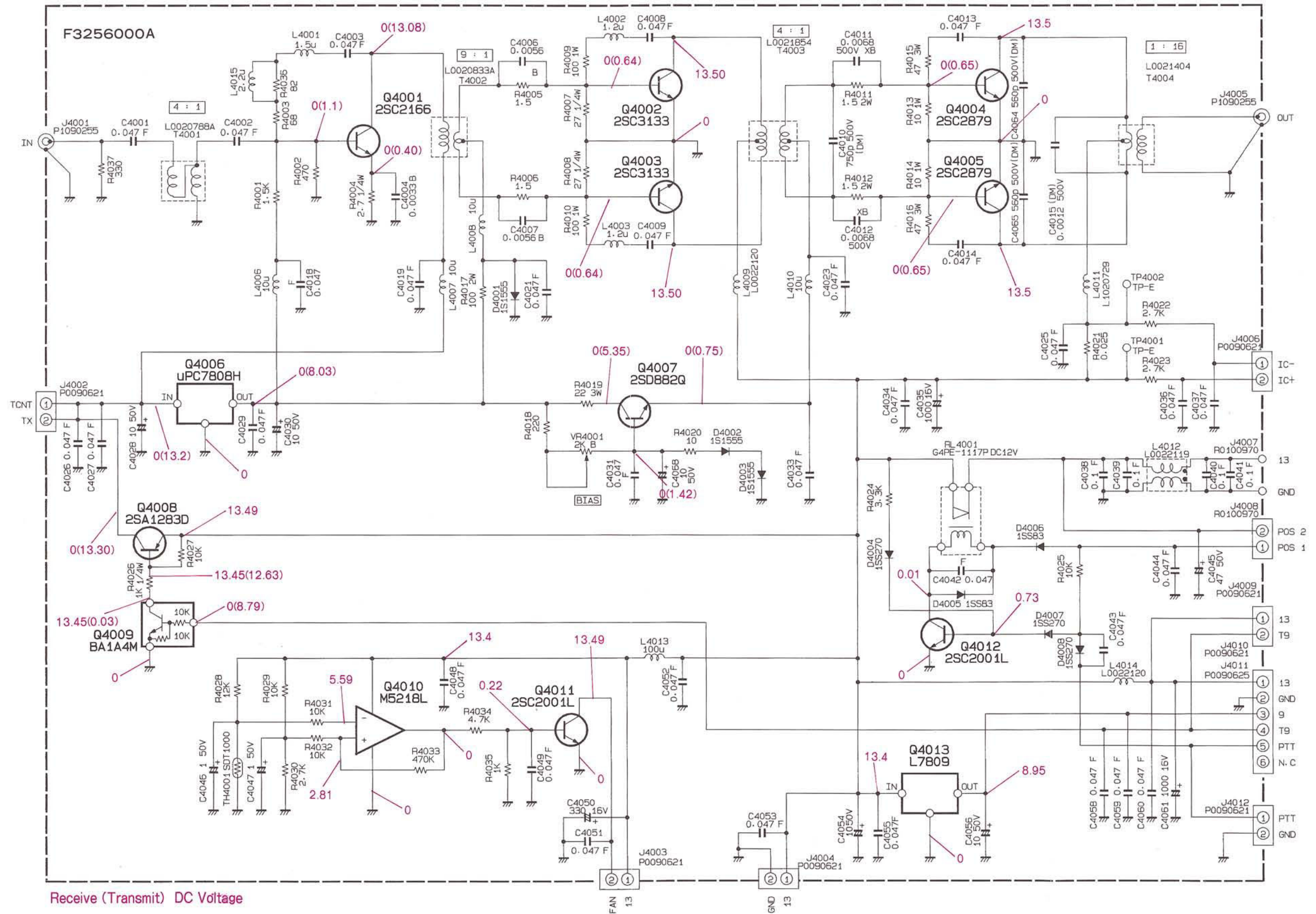
# Display Unit

| REF.   | DESCRIPTION | VALUE | WV | TOL. | MFGR'S DESIG   | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|----|------|----------------|-----------|-------|------|
| VR3003 | POT.        | 10KB  |    |      | H0651A013-10KB | J51745103 |       |      |
| VR3004 | POT.        | 10KB  |    |      | H0651A013-10KB | J51745103 |       |      |

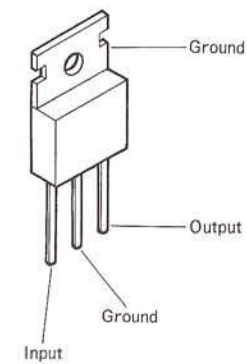
Notes

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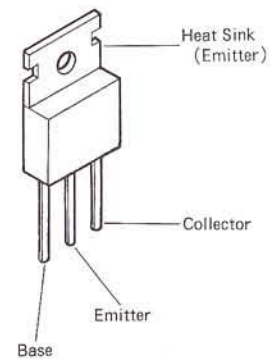




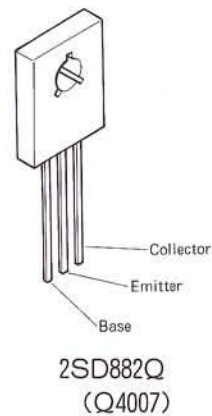




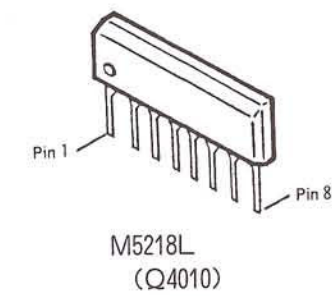
μPC7808H  
(Q4006)  
L7809  
(Q4013)



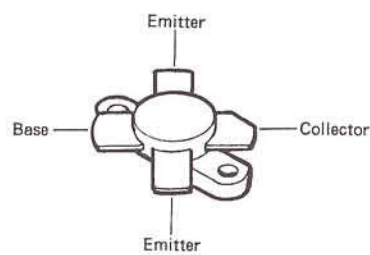
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(Q4001)  
2SC3133  
(Q4002, 4003)



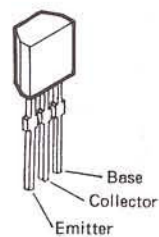
2SD882Q  
(Q4007)



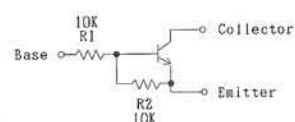
M5218L  
(Q4010)



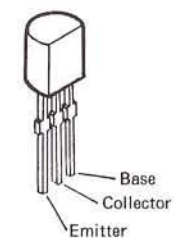
2SC2879  
(Q4004, 4005)



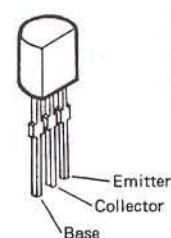
BA1A4M  
(Q4009)



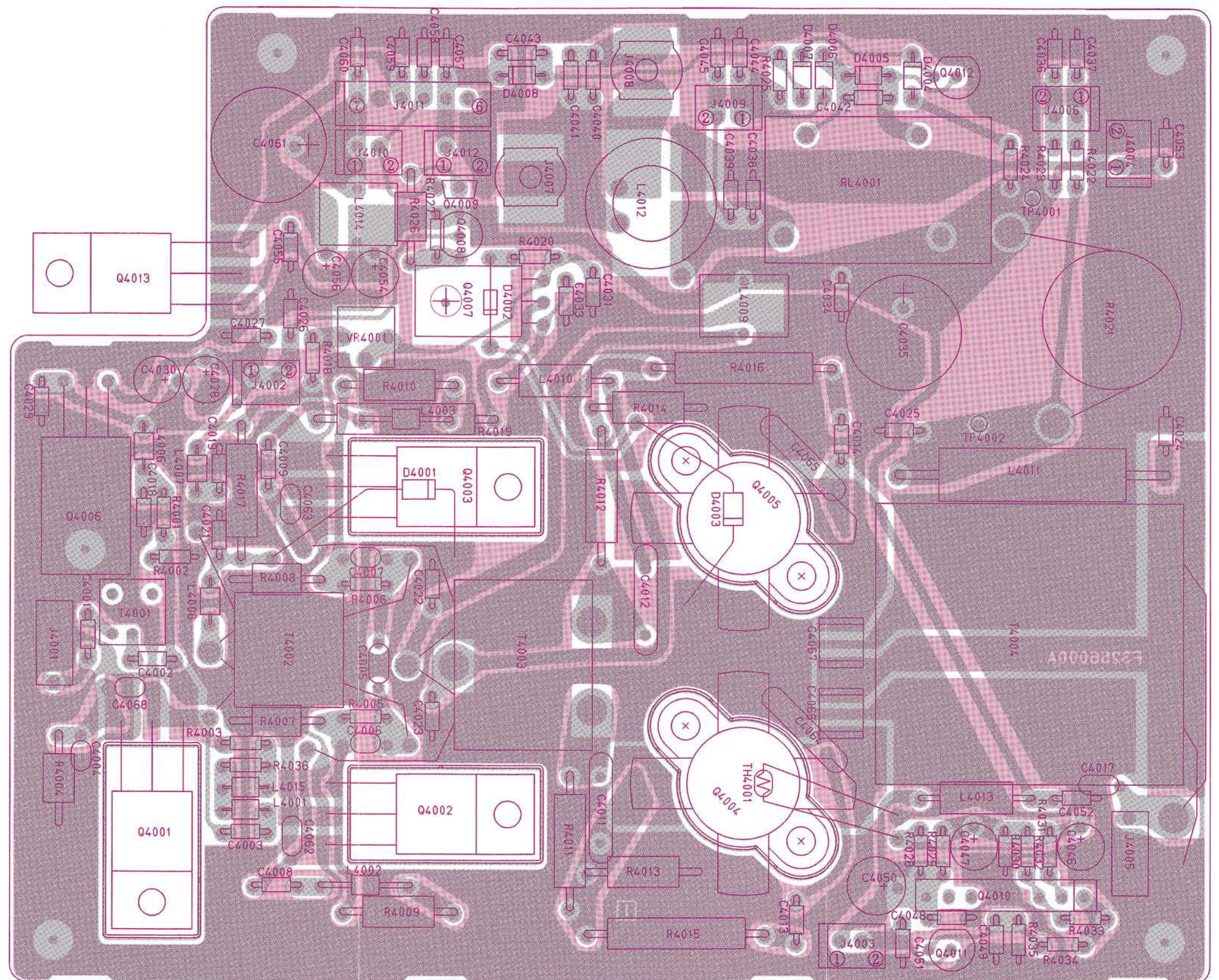
BA1A4M CIRCUIT DIAGRAM



2SA1283D  
(Q4008)

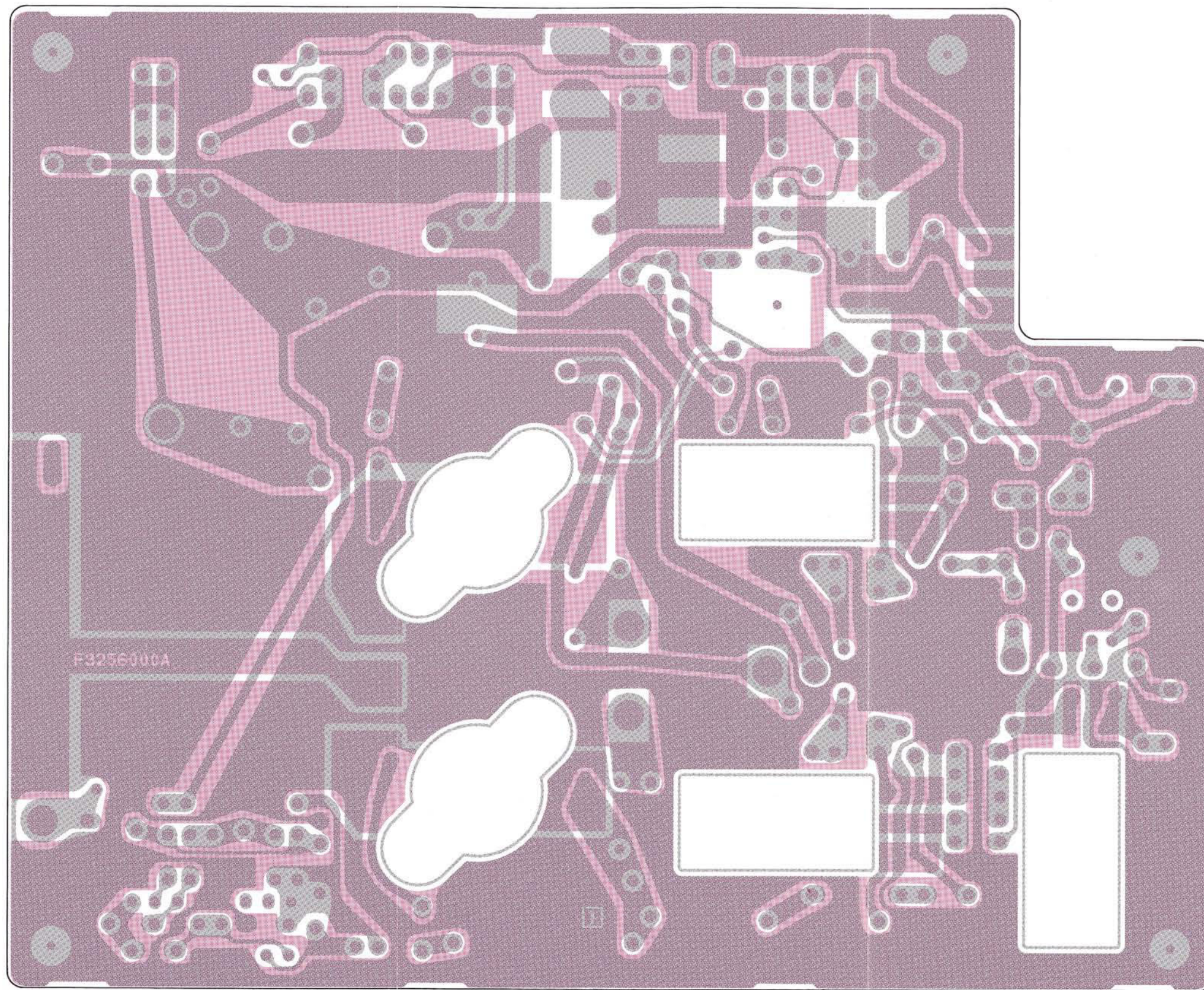


2SC2001-L  
(Q4011, 4012)



"component" side





"solder" side



| REF.                 | DESCRIPTION       | VALUE    | WV   | TOL. | MFGR'S DESIG     | YAESU P/N | VERS. | Addr |
|----------------------|-------------------|----------|------|------|------------------|-----------|-------|------|
| *** 100W-PA UNIT *** |                   |          |      |      |                  |           |       |      |
|                      | PCB W COMP.       |          |      |      |                  | CS1093001 |       |      |
|                      | PCB W/O COMP.     |          |      |      |                  | F3256000A |       |      |
| C 4001               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4002               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4003               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4004               | CERAMIC CAP.      | 0.0033uF | 50V  | B    | DD107-979B332K50 | K26171620 |       |      |
| C 4006               | CERAMIC CAP.      | 0.0056uF | 50V  | B    | DD109-979B562K50 | K26171623 |       |      |
| C 4007               | CERAMIC CAP.      | 0.0056uF | 50V  | B    | DD109-979B562K50 | K26171623 |       |      |
| C 4008               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4009               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4010               | MICA CAP.         | 750p     | 500V |      | DM19D751J5       | K30279092 |       |      |
| C 4011               | CERAMIC CAP.      | 0.0068uF | 500V | XB   | CD130XB682K500   | K10276682 |       |      |
| C 4012               | CERAMIC CAP.      | 0.0068uF | 500V | XB   | CD130XB682K500   | K10276682 |       |      |
| C 4013               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4014               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4015               | MICA CAP.         | 1200p    | 500V |      | DM19D122J5       | K30279095 |       |      |
| C 4018               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4019               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4021               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4023               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4025               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4026               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4027               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4028               | AL. ELECTRO. CAP. | 10uF     | 50V  |      | 50V100M5X11TR5   | K46170021 |       |      |
| C 4029               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4030               | AL. ELECTRO. CAP. | 10uF     | 50V  |      | 50V100M5X11TR5   | K46170021 |       |      |
| C 4031               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4033               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4034               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4035               | AL. ELECTRO. CAP. | 1000uF   | 16V  |      | 16R102S 13X16    | K40129021 |       |      |
| C 4036               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4037               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4038               | CERAMIC CAP.      | 0.1uF    | 50V  | F    | UP050F104Z-A-B   | K28179003 |       |      |
| C 4039               | CERAMIC CAP.      | 0.1uF    | 50V  | F    | UP050F104Z-A-B   | K28179003 |       |      |
| C 4040               | CERAMIC CAP.      | 0.1uF    | 50V  | F    | UP050F104Z-A-B   | K28179003 |       |      |
| C 4041               | CERAMIC CAP.      | 0.1uF    | 50V  | F    | UP050F104Z-A-B   | K28179003 |       |      |
| C 4042               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4043               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4044               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4045               | AL. ELECTRO. CAP. | 47uF     | 50V  |      | RE2-50V470M      | K40179028 |       |      |
| C 4046               | AL. ELECTRO. CAP. | 1uF      | 50V  |      | 50V010M5X11TR5   | K46170017 |       |      |
| C 4047               | AL. ELECTRO. CAP. | 1uF      | 50V  |      | 50V010M5X11TR5   | K46170017 |       |      |
| C 4048               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4049               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4050               | AL. ELECTRO. CAP. | 330uF    | 16V  |      | 16V331M8X11TR5   | K46120002 |       |      |
| C 4051               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4052               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4053               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4054               | AL. ELECTRO. CAP. | 10uF     | 50V  |      | 50V100M5X11TR5   | K46170021 |       |      |
| C 4055               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 4056               | AL. ELECTRO. CAP. | 10uF     | 50V  |      | 50V100M5X11TR5   | K46170021 |       |      |
| C 4058               | CERAMIC CAP.      | 0.047uF  | 50V  | F    | UP050F473Z-A-B   | K28179002 |       |      |

# 100W PA Unit

| REF.   | DESCRIPTION       | VALUE   | WV   | TOL. | MFGR'S DESIG   | YAESU P/N | VERS. | Addr |
|--------|-------------------|---------|------|------|----------------|-----------|-------|------|
| C 4059 | CERAMIC CAP.      | 0.047uF | 50V  | F    | UP050F473Z-A-B | K28179002 |       |      |
| C 4060 | CERAMIC CAP.      | 0.047uF | 50V  | F    | UP050F473Z-A-B | K28179002 |       |      |
| C 4061 | AL. ELECTRO. CAP. | 1000uF  | 16V  |      | 16R102S 13X16  | K40129021 |       |      |
| C 4064 | MICA CAP.         | 560p    | 500V |      | LCQ18561J5     | K30275561 |       |      |
| C 4065 | MICA CAP.         | 560p    | 500V |      | LCQ18561J5     | K30275561 |       |      |
| C 4068 | AL. ELECTRO. CAP. | 10uF    | 50V  |      | 50V100MSX11TR5 | K46170021 |       |      |
| D 4001 | DIODE             |         |      |      | 1S1555         | G2015550  |       |      |
| D 4002 | DIODE             |         |      |      | 1S1555         | G2015550  |       |      |
| D 4003 | DIODE             |         |      |      | 1S1555         | G2015550  |       |      |
| D 4004 | DIODE             |         |      |      | 1SS270TJ       | G2060004  |       |      |
| D 4005 | DIODE             |         |      |      | 1SS83RE        | G2050007  |       |      |
| D 4006 | DIODE             |         |      |      | 1SS83RE        | G2050007  |       |      |
| D 4007 | DIODE             |         |      |      | 1SS270TJ       | G2060004  |       |      |
| D 4008 | DIODE             |         |      |      | 1SS270TJ       | G2060004  |       |      |
| J 4001 | CONNECTOR         |         |      |      | TMP-J01X-A2    | P1090255  |       |      |
| J 4002 | CONNECTOR         |         |      |      | SC25-02WS      | P0090621  |       |      |
| J 4003 | CONNECTOR         |         |      |      | SC25-02WS      | P0090621  |       |      |
| J 4004 | CONNECTOR         |         |      |      | SC25-02WS      | P0090621  |       |      |
| J 4005 | CONNECTOR         |         |      |      | TMP-J01X-A2    | P1090255  |       |      |
| J 4006 | CONNECTOR         |         |      |      | SC25-02WS      | P0090621  |       |      |
| J 4007 | TERMINAL          |         |      |      |                | R0100970  |       |      |
| J 4008 | TERMINAL          |         |      |      |                | R0100970  |       |      |
| J 4009 | CONNECTOR         |         |      |      | SC25-02WS      | P0090621  |       |      |
| J 4010 | CONNECTOR         |         |      |      | SC25-02WS      | P0090621  |       |      |
| J 4011 | CONNECTOR         |         |      |      | SC25-06WS      | P0090625  |       |      |
| J 4012 | CONNECTOR         |         |      |      | SC25-02WS      | P0090621  |       |      |
| L 4001 | M. RFC            | 1.5u    |      |      | LAP02TA1R5K    | L1790048  |       |      |
| L 4002 | M. RFC            | 1.2u    |      |      | LAL03TA1R2M    | L1790084  |       |      |
| L 4003 | M. RFC            | 1.2u    |      |      | LAL03TA1R2M    | L1790084  |       |      |
| L 4006 | M. RFC            | 10uH    |      |      | LAP02TA100K    | L1790058  |       |      |
| L 4007 | M. RFC            | 10uH    |      |      | LAP02TA100K    | L1790058  |       |      |
| L 4008 | M. RFC            | 10uH    |      |      | LAP02TA100K    | L1790058  |       |      |
| L 4009 | COIL              |         |      |      | 10U 3A EI9.3   | L0022120  |       |      |
| L 4010 | M. RFC            | 10uH    |      |      | LAL04NA100K    | L1190138  |       |      |
| L 4011 | RFC               |         |      |      | 3A RI5.8X6.4-2 | L1020729  |       |      |
| L 4012 | COIL              |         |      |      | D12A RI16X8X8  | L0022119  |       |      |
| L 4013 | M. RFC            | 100uH   |      |      | LAL04NA101K    | L1190133  |       |      |
| L 4014 | COIL              |         |      |      | 10U 3A EI9.3   | L0022120  |       |      |
| L 4015 | M. RFC            | 2.2uH   |      |      | LAP02TA2R2K    | L1790050  |       |      |
| Q 4001 | TRANSISTOR        |         |      |      | 2SC2166        | G3321660  |       | D3   |
| Q 4002 | TRANSISTOR        |         |      |      | 2SC3133-21     | G3090086  |       | D4   |
| Q 4003 | TRANSISTOR        |         |      |      | 2SC3133-21     | G3090086  |       | C4   |
| Q 4004 | TRANSISTOR        |         |      |      | 2SC2879        | G3328790  |       | D5   |
| Q 4005 | TRANSISTOR        |         |      |      | 2SC2879        | G3328790  |       | C5   |
| Q 4006 | IC                |         |      |      | UPC7808H       | G1090294  |       | C3   |
| Q 4007 | TRANSISTOR        |         |      |      | 2SD882Q        | G3408820Q |       | B4   |
| Q 4008 | TRANSISTOR        |         |      |      | 2SA1283D       | G3112830D |       | B4   |
| Q 4009 | TRANSISTOR        |         |      |      | BA1A4M-T       | G3050001  |       | A4   |
| Q 4010 | IC                |         |      |      | M5218L         | G1090649  |       | D7   |
| Q 4011 | TRANSISTOR        |         |      |      | 2SC2001-L      | G3320010L |       | E6   |
| Q 4012 | TRANSISTOR        |         |      |      | 2SC2001-L      | G3320010L |       | A6   |
| Q 4013 | IC                |         |      |      | L7809          | G1090778  |       | B3   |

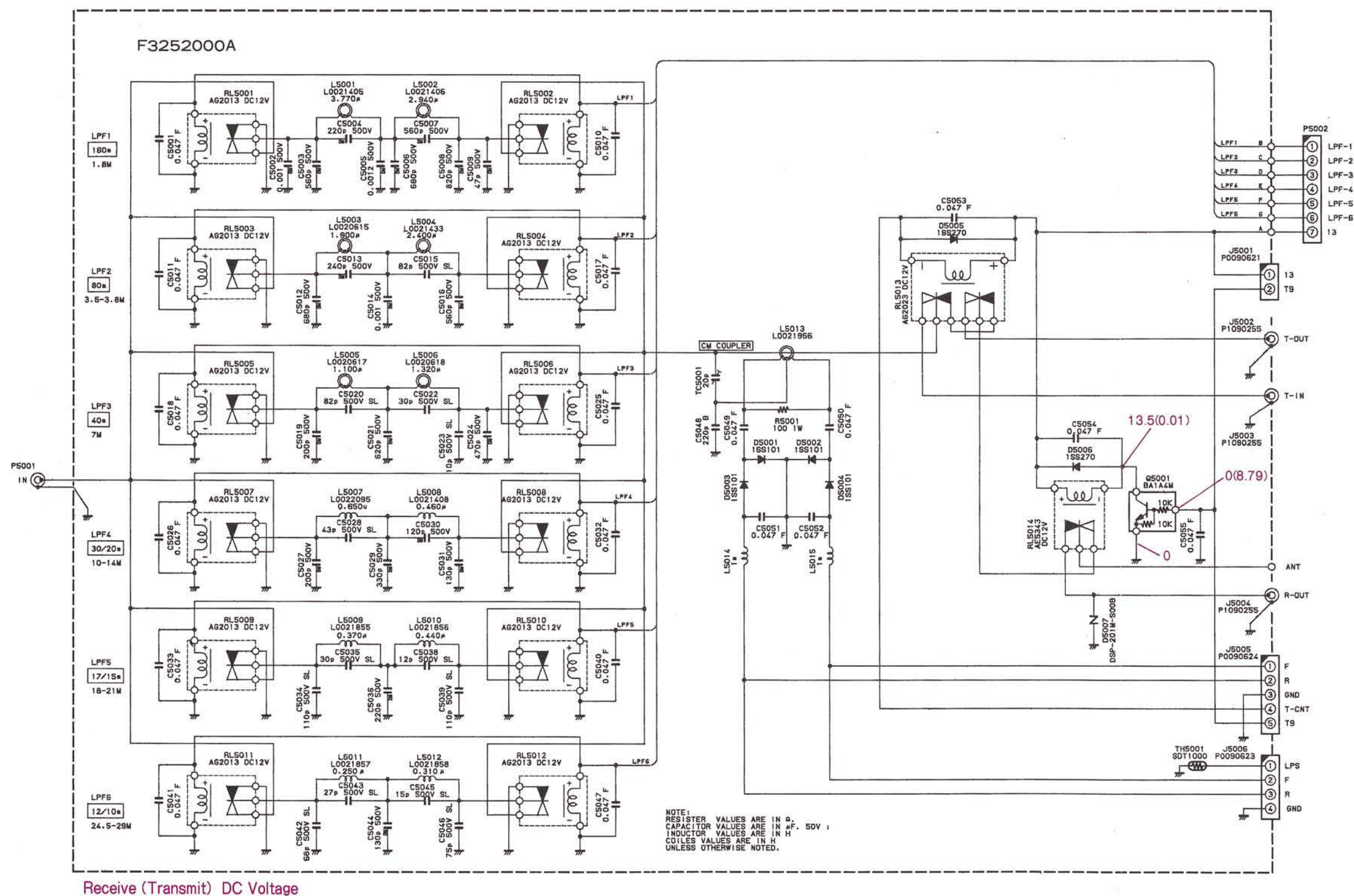


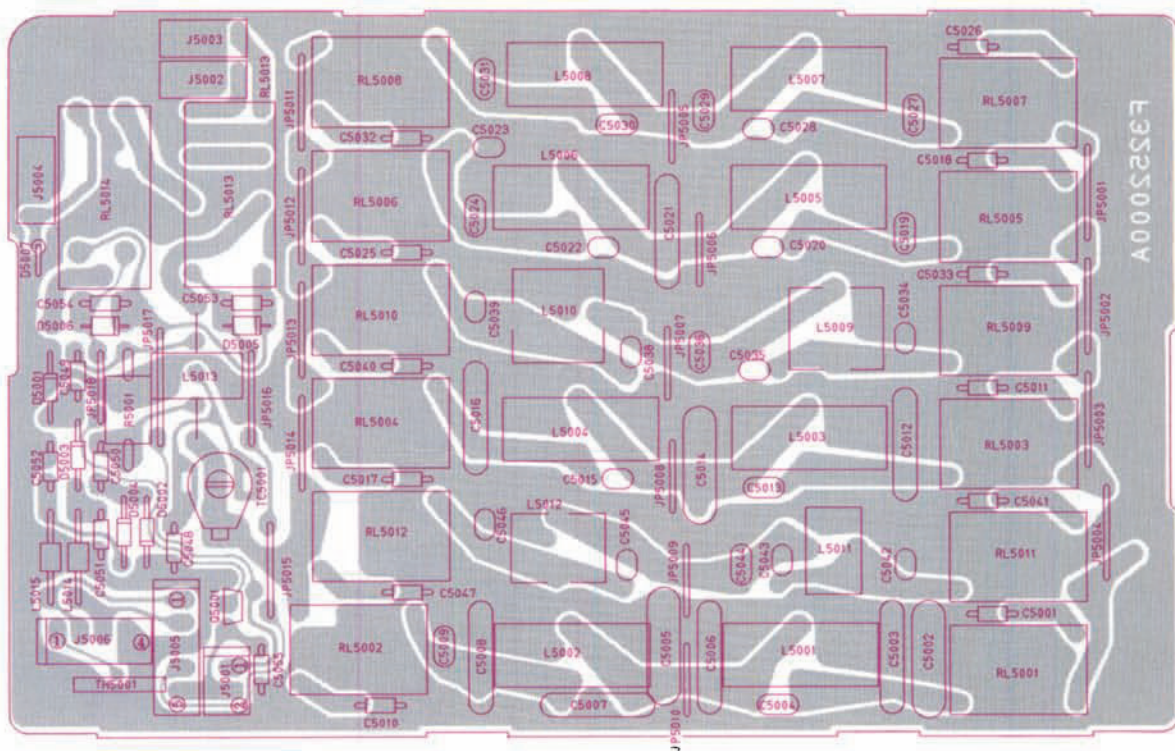
| REF.   | DESCRIPTION      | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|------------------|-------|-------|------|---------------|-----------|-------|------|
| R 4001 | CARBON FILM RES. | 1.5K  | 1/6W  |      | RD16TPJ152    | J07225152 |       |      |
| R 4002 | CARBON FILM RES. | 470   | 1/6W  |      | RD16TPJ471    | J07225471 |       |      |
| R 4003 | CARBON FILM RES. | 68    | 1/6W  |      | RD16TPJ680    | J07225680 |       |      |
| R 4004 | CARBON FILM RES. | 2.7   | 1/4W  |      | RD14TJ2R7     | J01245279 |       |      |
| R 4005 | CARBON FILM RES. | 1.5   | 1/6W  |      | RD16TPJ1R5    | J07225159 |       |      |
| R 4006 | CARBON FILM RES. | 1.5   | 1/6W  |      | RD16TPJ1R5    | J07225159 |       |      |
| R 4007 | CARBON FILM RES. | 27    | 1/4W  |      | RD14TJ270     | J01245270 |       |      |
| R 4008 | CARBON FILM RES. | 27    | 1/4W  |      | RD14TJ270     | J01245270 |       |      |
| R 4009 | METAL FILM RES.  | 100   | 1W    |      | ERG-1SJ101P   | J22309010 |       |      |
| R 4010 | METAL FILM RES.  | 100   | 1W    |      | ERG-1SJ101P   | J22309010 |       |      |
| R 4011 | METAL FILM RES.  | 1.5   | 2W    |      | ERX-2SJ1R5P   | J22339002 |       |      |
| R 4012 | METAL FILM RES.  | 1.5   | 2W    |      | ERX-2SJ1R5P   | J22339002 |       |      |
| R 4013 | METAL FILM RES.  | 10    | 1W    |      | ERG-1SJ100P   | J22309024 |       |      |
| R 4014 | METAL FILM RES.  | 10    | 1W    |      | ERG-1SJ100P   | J22309024 |       |      |
| R 4015 | METAL FILM RES.  | 47    | 3W    |      | ERG-3SJ470P   | J22359024 |       |      |
| R 4016 | METAL FILM RES.  | 47    | 3W    |      | ERG-3SJ470P   | J22359024 |       |      |
| R 4017 | METAL FILM RES.  | 100   | 2W    |      | ERG-2SJ101P   | J22339006 |       |      |
| R 4018 | CARBON FILM RES. | 220   | 1/6W  |      | RD16TPJ221    | J07225221 |       |      |
| R 4019 | METAL FILM RES.  | 22    | 3W    |      | ERG-3SJ220P   | J22359025 |       |      |
| R 4020 | CARBON FILM RES. | 10    | 1/6W  |      | RD16TPJ100    | J07225100 |       |      |
| R 4021 | SHUNT RES.       | 0.025 |       |      | R025J         | J32009016 |       |      |
| R 4022 | CARBON FILM RES. | 2.7K  | 1/6W  |      | RD16TPJ272    | J07225272 |       |      |
| R 4023 | CARBON FILM RES. | 2.7K  | 1/6W  |      | RD16TPJ272    | J07225272 |       |      |
| R 4024 | CARBON FILM RES. | 3.3K  | 1/6W  |      | RD16TPJ332    | J07225332 |       |      |
| R 4025 | CARBON FILM RES. | 10K   | 1/6W  |      | RD16TPJ103    | J07225103 |       |      |
| R 4026 | CARBON FILM RES. | 1K    | 1/4W  |      | RD14TJ102     | J01245102 |       |      |
| R 4027 | CARBON FILM RES. | 10K   | 1/6W  |      | RD16TPJ103    | J07225103 |       |      |
| R 4028 | CARBON FILM RES. | 12K   | 1/6W  |      | RD16TPJ123    | J07225123 |       |      |
| R 4029 | CARBON FILM RES. | 10K   | 1/6W  |      | RD16TPJ103    | J07225103 |       |      |
| R 4030 | CARBON FILM RES. | 2.7K  | 1/6W  |      | RD16TPJ272    | J07225272 |       |      |
| R 4031 | CARBON FILM RES. | 10K   | 1/6W  |      | RD16TPJ103    | J07225103 |       |      |
| R 4032 | CARBON FILM RES. | 10K   | 1/6W  |      | RD16TPJ103    | J07225103 |       |      |
| R 4033 | CARBON FILM RES. | 470K  | 1/6W  |      | RD16TPJ474    | J07225474 |       |      |
| R 4034 | CARBON FILM RES. | 4.7K  | 1/6W  |      | RD16TPJ472    | J07225472 |       |      |
| R 4035 | CARBON FILM RES. | 1K    | 1/6W  |      | RD16TPJ102    | J07225102 |       |      |
| R 4036 | CARBON FILM RES. | 82    | 1/6W  |      | RD16TPJ820    | J07225820 |       |      |
| R 4037 | CARBON FILM RES. | 330   | 1/6W  |      | RD16TPJ331    | J07225331 |       |      |
| RL4001 | RELAY            |       | DC12V |      | G4PE-1117P    | M1190095  |       |      |
| T 4001 | COIL             |       |       |      | 4-1 2D3 TR6X3 | L0020788A |       |      |
| T 4002 | COIL             |       |       |      | 3A RIB8X14    | L0020833A |       |      |
| T 4003 | COIL             |       |       |      | D12A RIB10    | L0021854  |       |      |
| T 4004 | COIL             |       |       |      | D12A RIB16    | L0021404  |       |      |
| TH4001 | THERMISTOR       |       |       |      | SDT1000       | G9090011  |       |      |
| TP4001 | TP-E/            |       |       |      | TP-E/MS-60124 | Q5000016  |       |      |
| TP4002 | TP-E/            |       |       |      | TP-E/MS-60124 | Q5000016  |       |      |
| VR4001 | POT.             | 2K    |       |      | EVN-DXAA03B23 | J51783202 |       |      |

# Notes

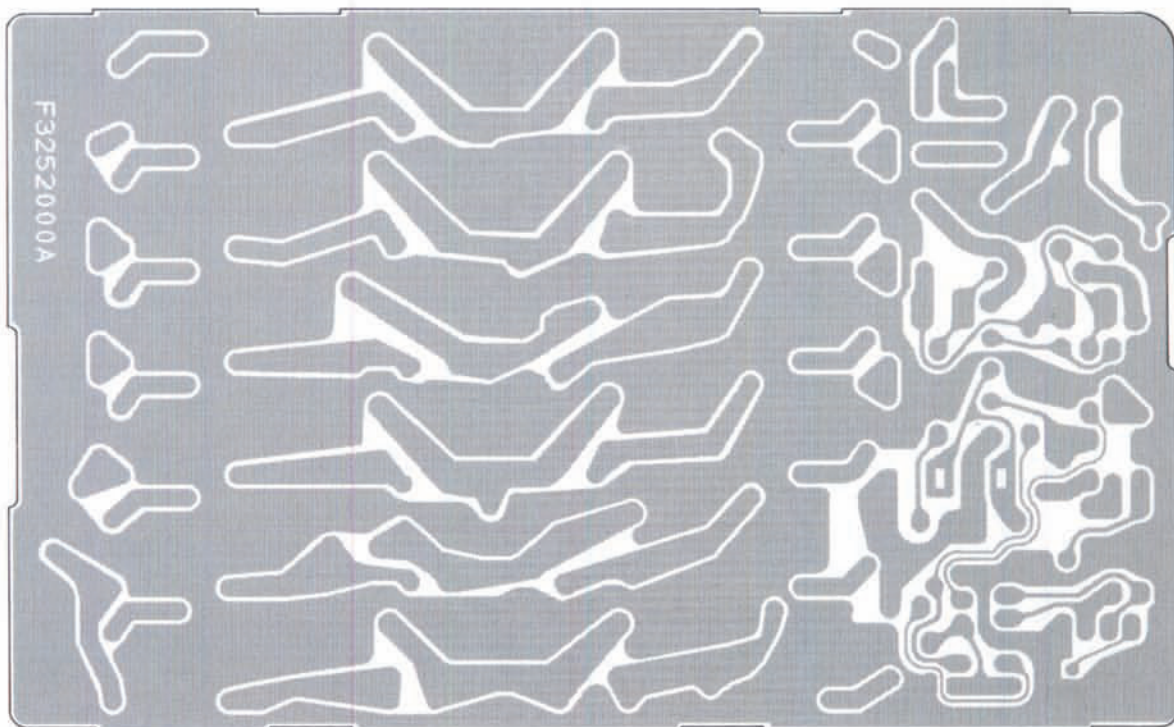
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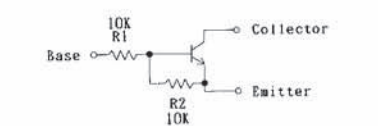




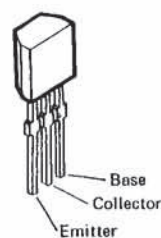
"component" side



"solder" side



BA1A4M CIRCUIT DIAGRAM



BA1A4M  
(Q5001)

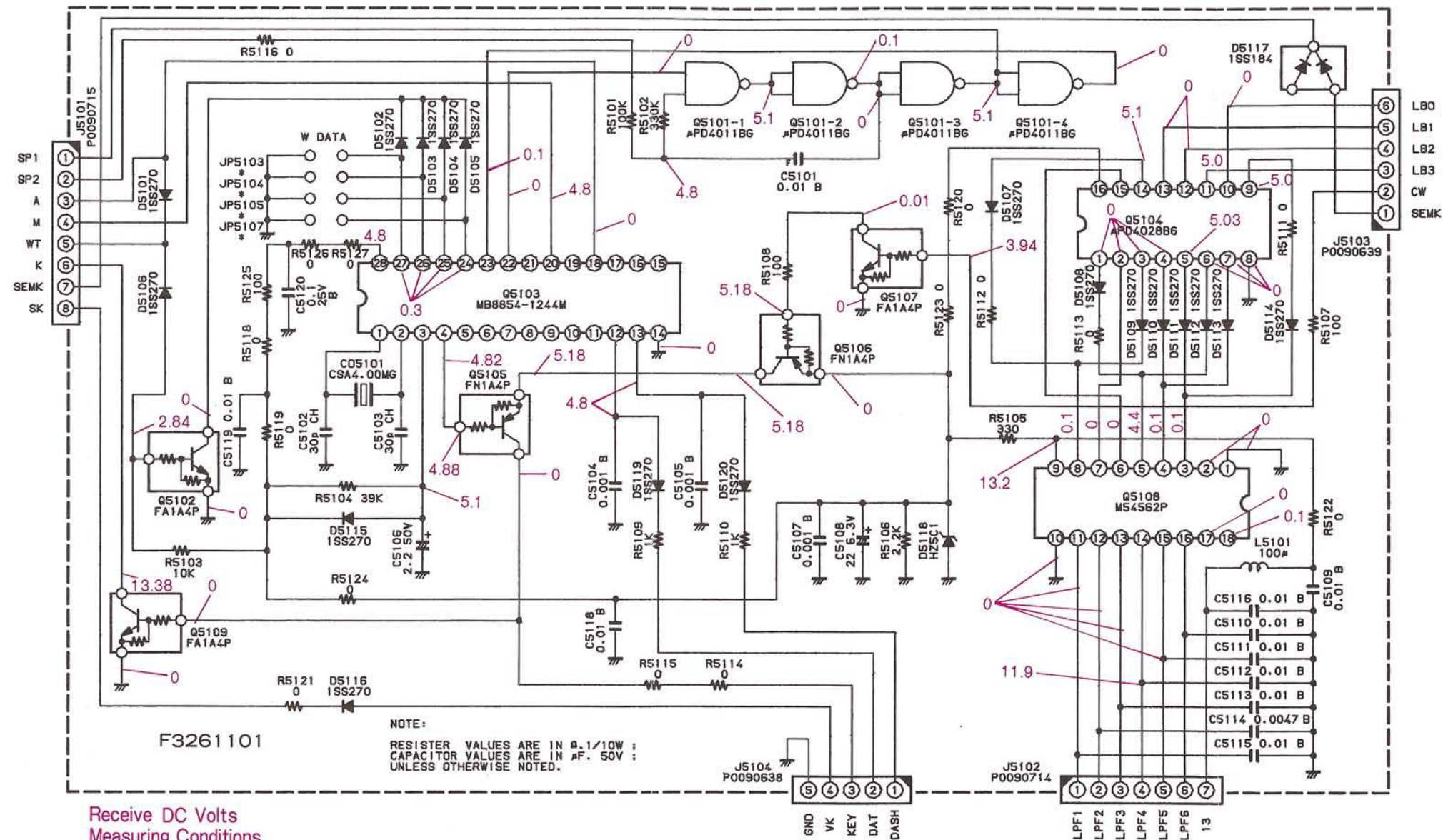


| REF.             | DESCRIPTION   | VALUE   | WV   | TOL. | MFGR'S DESIG      | YAESU P/N | VERS. | Addr |
|------------------|---------------|---------|------|------|-------------------|-----------|-------|------|
| *** LPF UNIT *** |               |         |      |      |                   |           |       |      |
|                  | PCB W COMP.   |         |      |      |                   | CA0495001 |       |      |
|                  | PCB W/O COMP. |         |      |      |                   | F3252000A |       |      |
| C 5001           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5002           | MICA CAP.     | 0.001   | 500V |      | LCQ21102J5        | K30275102 |       |      |
| C 5003           | MICA CAP.     | 560pF   | 500V |      | LCQ18561J5        | K30275561 |       |      |
| C 5004           | MICA CAP.     | 220pF   | 500V |      | LCQ17221J5        | K30275221 |       |      |
| C 5005           | MICA CAP.     | 0.0012  | 500V |      | LCQ21122J5        | K30275122 |       |      |
| C 5006           | MICA CAP.     | 680pF   | 500V |      | LCQ18681J5        | K30275681 |       |      |
| C 5007           | MICA CAP.     | 560pF   | 500V |      | LCQ18561J5        | K30275561 |       |      |
| C 5008           | MICA CAP.     | 820pF   | 500V |      | LCQ18821J5        | K30275821 |       |      |
| C 5009           | MICA CAP.     | 47pF    | 500V |      | LCQ12470J5        | K30275470 |       |      |
| C 5010           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5011           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5012           | MICA CAP.     | 680pF   | 500V |      | LCQ18681J5        | K30275681 |       |      |
| C 5013           | MICA CAP.     | 240p    | 500V |      | LCQ17241J5        | K30275241 |       |      |
| C 5014           | MICA CAP.     | 0.001   | 500V |      | LCQ21102J5        | K30275102 |       |      |
| C 5015           | CERAMIC CAP.  | 82pF    | 500V | SL   | DD06-979SL820K500 | K26270035 |       |      |
| C 5016           | MICA CAP.     | 560pF   | 500V |      | LCQ18561J5        | K30275561 |       |      |
| C 5017           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5018           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5019           | MICA CAP.     | 200p    | 500V |      | LCQ17201J5        | K30275201 |       |      |
| C 5020           | CERAMIC CAP.  | 82pF    | 500V | SL   | DD06-979SL820K500 | K26270035 |       |      |
| C 5021           | MICA CAP.     | 620p    | 500V |      | LCQ18621J5        | K30275621 |       |      |
| C 5022           | CERAMIC CAP.  | 30p     | 500V | SL   | DD05-979SL300K500 | K26270024 |       |      |
| C 5023           | CERAMIC CAP.  | 10pF    | 500V | SL   | DD05-979SL100D500 | K26270013 |       |      |
| C 5024           | MICA CAP.     | 470pF   | 500V |      | LCQ17471J5        | K30275471 |       |      |
| C 5025           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5026           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5027           | MICA CAP.     | 200p    | 500V |      | LCQ17201J5        | K30275201 |       |      |
| C 5028           | CERAMIC CAP.  | 43p     | 500V | SL   | DD05-979SL430K500 | K26270028 |       |      |
| C 5029           | MICA CAP.     | 330pF   | 500V |      | LCQ17331J5        | K30275331 |       |      |
| C 5030           | MICA CAP.     | 120pF   | 500V |      | LCQ17121J5        | K30275121 |       |      |
| C 5031           | MICA CAP.     | 130p    | 500V |      | LCQ17131J5        | K30275131 |       |      |
| C 5032           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5033           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5034           | CERAMIC CAP.  | 110p    | 500V | SL   | DD07-979SL111K500 | K26270038 |       |      |
| C 5035           | CERAMIC CAP.  | 30p     | 500V | SL   | DD05-979SL300K500 | K26270024 |       |      |
| C 5036           | MICA CAP.     | 220pF   | 500V |      | LCQ17221J5        | K30275221 |       |      |
| C 5038           | CERAMIC CAP.  | 12pF    | 500V | SL   | DD05-979SL120K500 | K26270015 |       |      |
| C 5039           | CERAMIC CAP.  | 110p    | 500V | SL   | DD07-979SL111K500 | K26270038 |       |      |
| C 5040           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5041           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5042           | CERAMIC CAP.  | 68pF    | 500V | SL   | DD05-979SL680K500 | K26270033 |       |      |
| C 5043           | CERAMIC CAP.  | 27pF    | 500V | SL   | DD05-979SL270K500 | K26270023 |       |      |
| C 5044           | MICA CAP.     | 130p    | 500V |      | LCQ17131J5        | K30275131 |       |      |
| C 5045           | CERAMIC CAP.  | 15pF    | 500V | SL   | DD05-979SL150K500 | K26270017 |       |      |
| C 5046           | CERAMIC CAP.  | 75p     | 500V | SL   | DD06-979SL750K500 | K26270034 |       |      |
| C 5047           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5048           | CERAMIC CAP.  | 220pF   | 50V  | B    | UP050B221K-A-B    | K28179083 |       |      |
| C 5049           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5050           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |
| C 5051           | CERAMIC CAP.  | 0.047uF | 50V  | F    | UP050F473Z-A-B    | K28179002 |       |      |

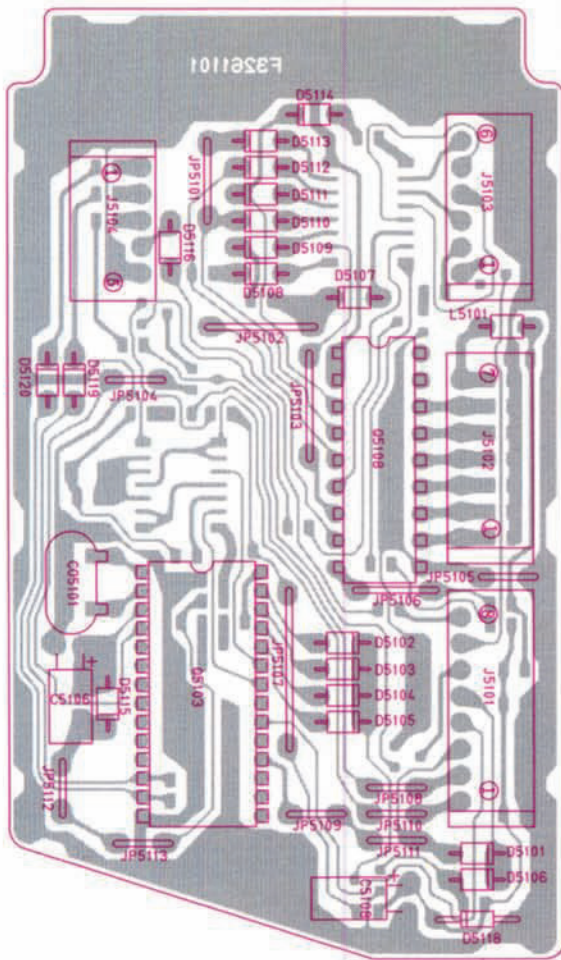


# LPF Unit

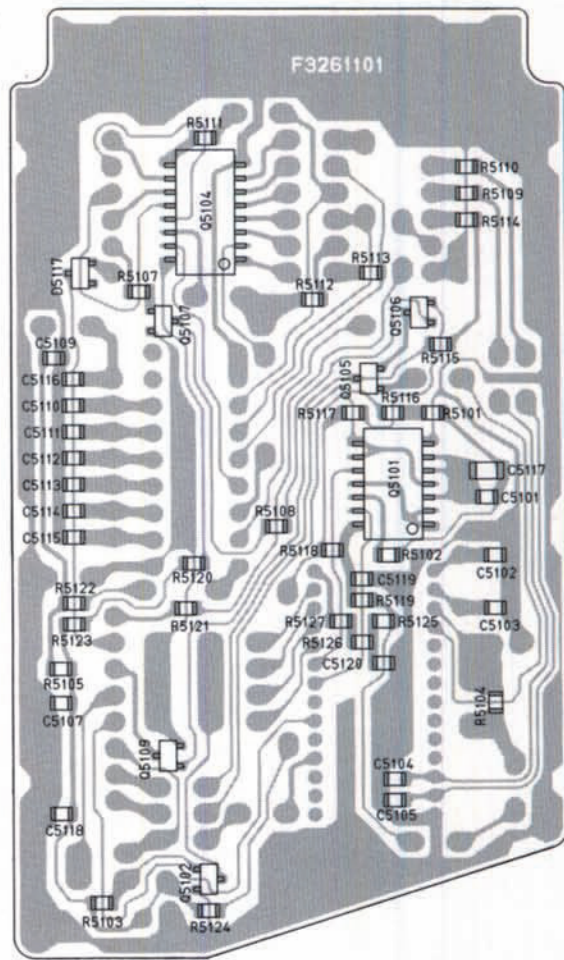
| REF.   | DESCRIPTION     | VALUE   | WV    | TOL. | MFGR'S DESIG     | YAESU P/N | VERS. | Addr |
|--------|-----------------|---------|-------|------|------------------|-----------|-------|------|
| C 5052 | CERAMIC CAP.    | 0.047uF | 50V   | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 5053 | CERAMIC CAP.    | 0.047uF | 50V   | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 5054 | CERAMIC CAP.    | 0.047uF | 50V   | F    | UP050F473Z-A-B   | K28179002 |       |      |
| C 5055 | CERAMIC CAP.    | 0.047uF | 50V   | F    | UP050F473Z-A-B   | K28179002 |       |      |
| D 5001 | DIODE           |         |       |      | 1SS101           | G2090223  |       |      |
| D 5002 | DIODE           |         |       |      | 1SS101           | G2090223  |       |      |
| D 5003 | DIODE           |         |       |      | 1SS101           | G2090223  |       |      |
| D 5004 | DIODE           |         |       |      | 1SS101           | G2090223  |       |      |
| D 5005 | DIODE           |         |       |      | 1SS270TJ         | G2060004  |       |      |
| D 5006 | DIODE           |         |       |      | 1SS270TJ         | G2060004  |       |      |
| D 5007 | SURGE ABSORBER  |         |       |      | DSP201M-S00B     | Q9000375  |       |      |
| J 5001 | CONNECTOR       |         |       |      | SC25-02WS        | P0090621  |       |      |
| J 5002 | CONNECTOR       |         |       |      | TMP-J01X-A2      | P1090255  |       |      |
| J 5003 | CONNECTOR       |         |       |      | TMP-J01X-A2      | P1090255  |       |      |
| J 5004 | CONNECTOR       |         |       |      | TMP-J01X-A2      | P1090255  |       |      |
| J 5005 | CONNECTOR       |         |       |      | SC25-05WS        | P0090624  |       |      |
| J 5006 | CONNECTOR       |         |       |      | SC25-04WS        | P0090623  |       |      |
| L 5001 | COIL            |         |       |      | 3.770U T50-2     | L0021405  |       |      |
| L 5002 | COIL            |         |       |      | 2.940U T50-2     | L0021406  |       |      |
| L 5003 | COIL            |         |       |      | 1.900U T50-2     | L0020615  |       |      |
| L 5004 | COIL            |         |       |      | 2.400U T-50-2    | L0021433  |       |      |
| L 5005 | COIL            |         |       |      | 1.100U T50-6     | L0020617  |       |      |
| L 5006 | COIL            |         |       |      | 1.320U T50-6     | L0020618  |       |      |
| L 5007 | COIL            |         |       |      | 0.65U T50-6      | L0022095  |       |      |
| L 5008 | COIL            |         |       |      | 0.460U T50-6     | L0021408  |       |      |
| L 5009 | COIL            |         |       |      | 8.0T8.5D0.9UEW R | L0021855  |       |      |
| L 5010 | COIL            |         |       |      | 9.0T8.5D0.9UEW R | L0021856  |       |      |
| L 5011 | COIL            |         |       |      | 6.0T8.0D0.8UEW R | L0021857  |       |      |
| L 5012 | COIL            |         |       |      | 7.0T8.5D0.9UEW R | L0021858  |       |      |
| L 5013 | COIL            |         |       |      | U 2001F FR9.5    | L0021956  |       |      |
| L 5014 | M. RFC          | 1mH     |       |      | LAL03TA102K      | L1790119  |       |      |
| L 5015 | M. RFC          | 1mH     |       |      | LAL03TA102K      | L1790119  |       |      |
| Q 5001 | TRANSISTOR      |         |       |      | BA1A4M-T         | G3050001  |       |      |
| R 5001 | METAL FILM RES. | 100     | 1W    |      | ERG-1SJ101P      | J22309010 |       |      |
| RL5001 | RELAY           |         | DC12V |      | AG2013           | M1190045  |       |      |
| RL5002 | RELAY           |         | DC12V |      | AG2013           | M1190045  |       |      |
| RL5003 | RELAY           |         | DC12V |      | AG2013           | M1190045  |       |      |
| RL5004 | RELAY           |         | DC12V |      | AG2013           | M1190045  |       |      |
| RL5005 | RELAY           |         | DC12V |      | AG2013           | M1190045  |       |      |
| RL5006 | RELAY           |         | DC12V |      | AG2013           | M1190045  |       |      |
| RL5007 | RELAY           |         | DC12V |      | AG2013           | M1190045  |       |      |
| RL5008 | RELAY           |         | DC12V |      | AG2013           | M1190045  |       |      |
| RL5009 | RELAY           |         | DC12V |      | AG2013           | M1190045  |       |      |
| RL5010 | RELAY           |         | DC12V |      | AG2013           | M1190045  |       |      |
| RL5011 | RELAY           |         | DC12V |      | AG2013           | M1190045  |       |      |
| RL5012 | RELAY           |         | DC12V |      | AG2013           | M1190045  |       |      |
| RL5013 | RELAY           |         | DC12V |      | AG2023           | M1190102  |       |      |
| RL5014 | RELAY           |         | DC12V |      | AE5343           | M1190005  |       |      |
| TC5001 | TRIMMER CAP.    | 20p     |       |      | ECV1ZW20X32      | K91000013 |       |      |
| TH5001 | THERMISTOR      |         |       |      | SDT1000          | G9090011  |       |      |



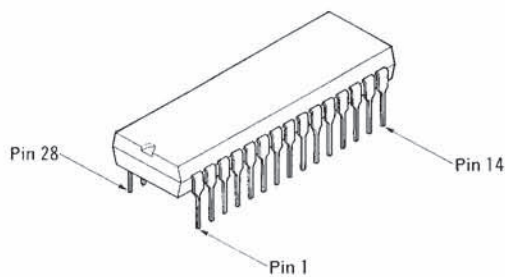




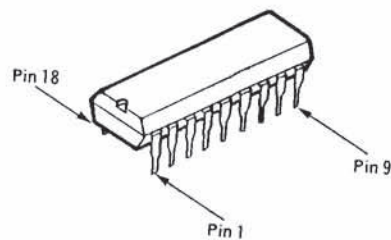
"component" side



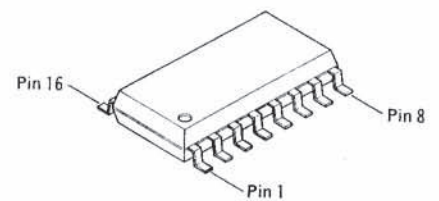
"chip-only" side



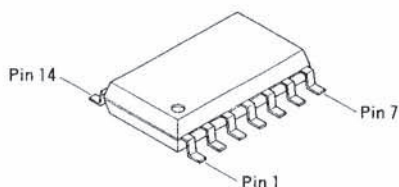
MB8854-1244M  
(Q5103)



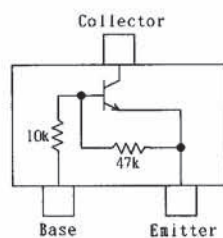
M54562P  
(Q5108)



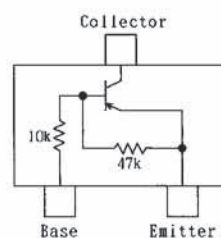
μPD4028BG  
(Q5104)



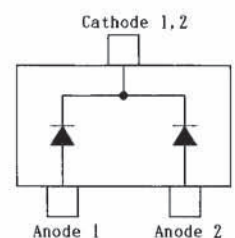
μPD4011BG  
(Q5101)



FA1A4P (L34)  
(Q5102, 5107, 5109)



FN1A4P (M34)  
(Q5105, 5106)



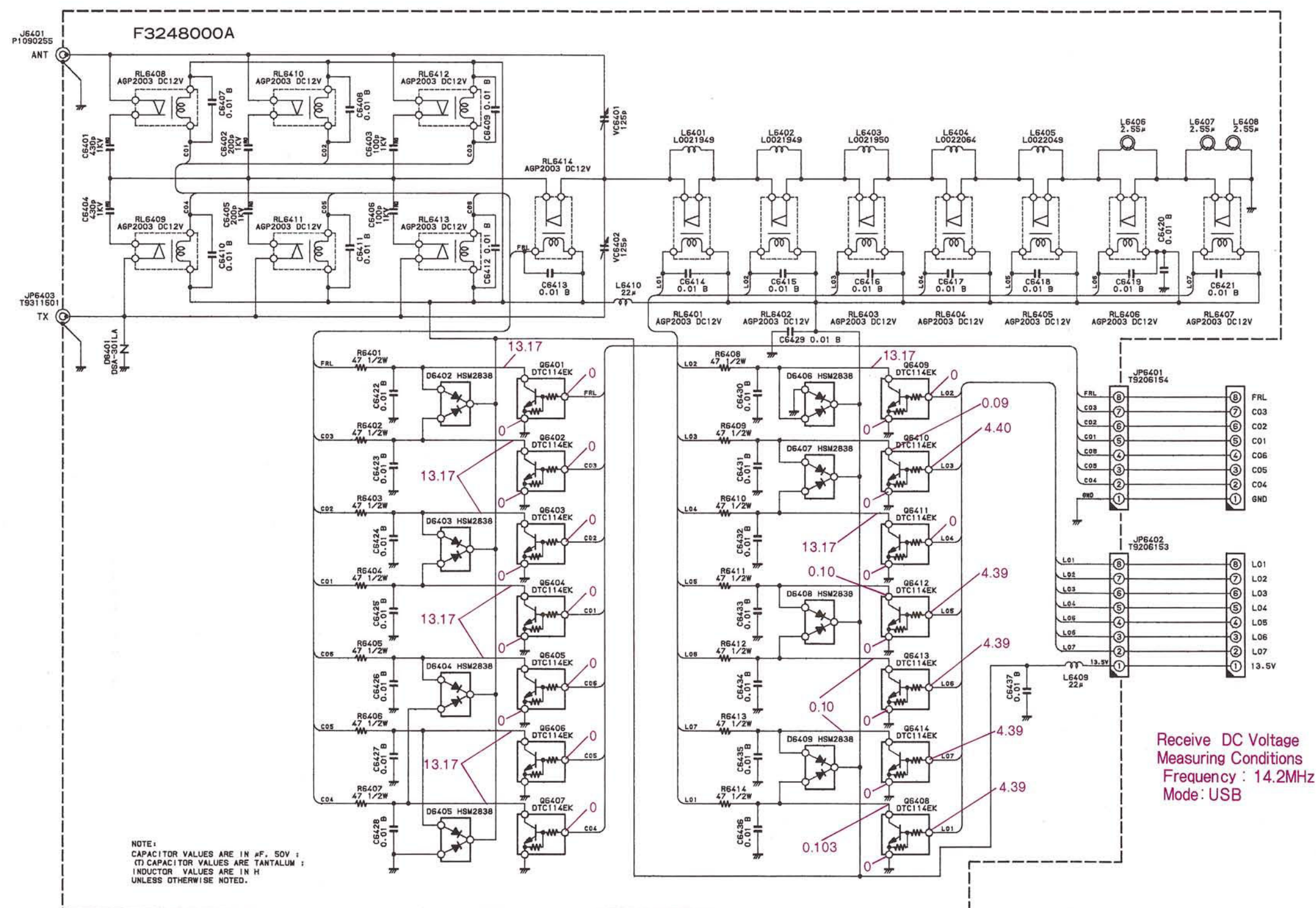
1SS184 (B3)  
(D5117)

| REF.               | DESCRIPTION       | VALUE    | WV   | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|--------------------|-------------------|----------|------|------|-----------------|-----------|-------|------|
| *** KEYER UNIT *** |                   |          |      |      |                 |           |       |      |
|                    | PCB W COMP.       |          |      |      |                 | CA0444001 |       |      |
|                    | PCB W/O COMP.     |          |      |      |                 | F3261101  |       |      |
| C 5101             | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 5102             | CHIP CAP.         | 30p      | 50V  | CH   | GRM40CH300J50PT | K22170222 |       |      |
| C 5103             | CHIP CAP.         | 30p      | 50V  | CH   | GRM40CH300J50PT | K22170222 |       |      |
| C 5104             | CHIP CAP.         | 0.001uF  | 50V  | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 5105             | CHIP CAP.         | 0.001uF  | 50V  | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 5106             | AL. ELECTRO. CAP. | 2.2uF    | 50V  |      | RC2-50V2R2M     | K40179006 |       |      |
| C 5107             | CHIP CAP.         | 0.001uF  | 50V  | B    | GRM40B102M50PT  | K22170805 |       |      |
| C 5108             | AL. ELECTRO. CAP. | 22uF     | 6.3V |      | RC2-6V220M      | K40089005 |       |      |
| C 5109             | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 5110             | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 5111             | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 5112             | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 5113             | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 5114             | CHIP CAP.         | 0.0047uF | 50V  | B    | GRM39B472M50PT  | K22174817 |       |      |
| C 5115             | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 5116             | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 5118             | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 5119             | CHIP CAP.         | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 5120             | CHIP CAP.         | 0.1uF    | 25V  | B    | GRM40B104M25PT  | K22140811 |       |      |
| C05101             | CERAMIC OSC       |          |      |      | CSA4.00MG5      | H7900170  |       |      |
| D 5101             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5102             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5103             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5104             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5105             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5106             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5107             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5108             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5109             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5110             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5111             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5112             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5113             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5114             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5115             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5116             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5117             | DIODE             |          |      |      | 1SS184 TE85R    | G2070009  |       |      |
| D 5118             | DIODE             |          |      |      | HZ5C1           | G2090188  |       |      |
| D 5119             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 5120             | DIODE             |          |      |      | 1SS270TJ        | G2060004  |       |      |
| J 5101             | CONNECTOR         |          |      |      | SC25-08WL       | P0090715  |       |      |
| J 5102             | CONNECTOR         |          |      |      | SC25-07WL       | P0090714  |       |      |
| J 5103             | CONNECTOR         |          |      |      | SC25-06WL       | P0090639  |       |      |
| J 5104             | CONNECTOR         |          |      |      | SC25-05WL       | P0090638  |       |      |
| L 5101             | M. RFC            | 100uH    |      |      | LAP02TA101K     | L1790070  |       |      |

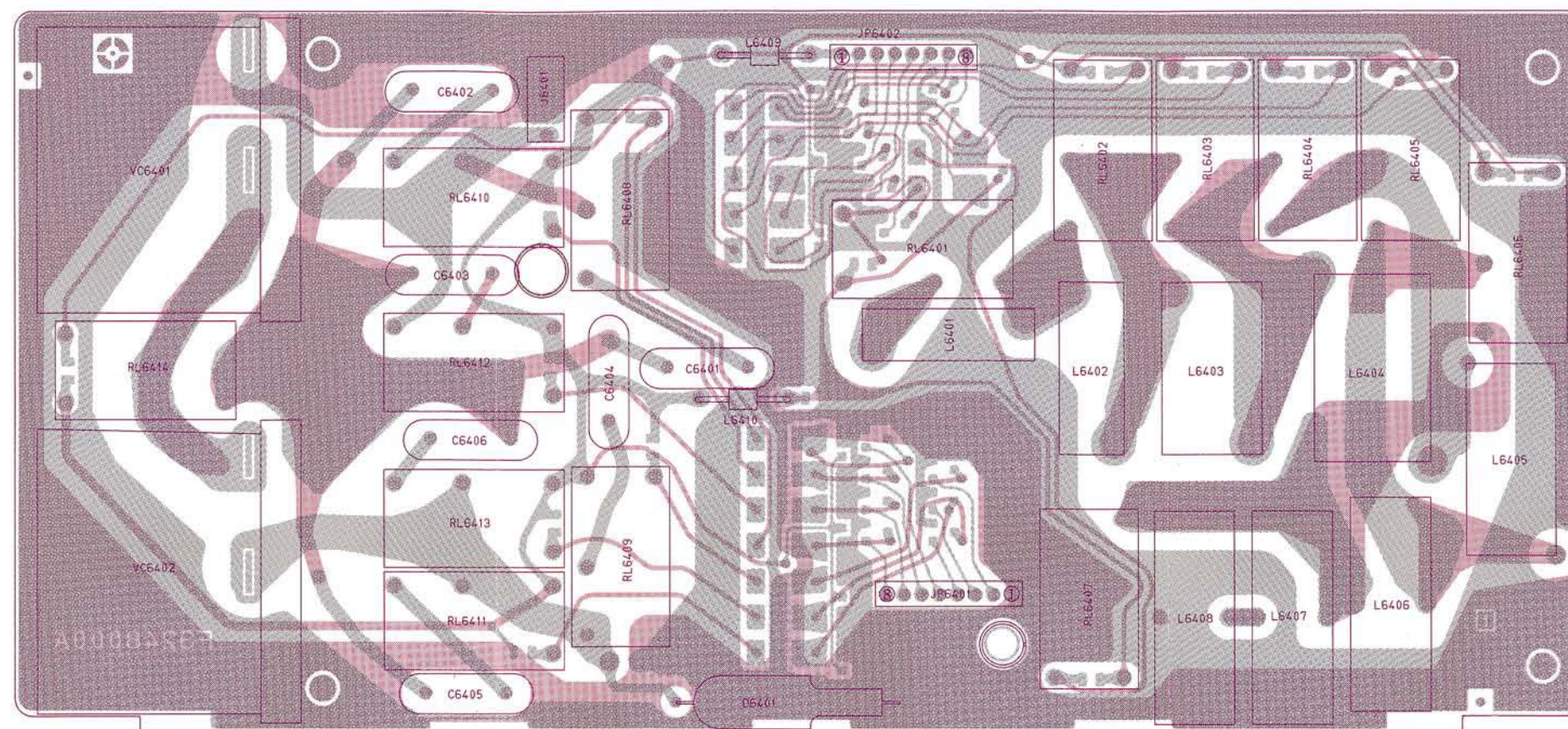
# Keyer Unit

| REF.   | DESCRIPTION | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|-------|------|---------------|-----------|-------|------|
| Q 5101 | IC          |       |       |      | UPD4011BG     | G1090600  |       |      |
| Q 5102 | TRANSISTOR  |       |       |      | FA1A4P-T2B    | G3070006  |       |      |
| Q 5103 | IC          |       |       |      | MB8854-1244M  | G1090999  |       |      |
| Q 5104 | IC          |       |       |      | UPD4028BG-T2  | G1091137  |       |      |
| Q 5105 | TRANSISTOR  |       |       |      | FN1A4P-T2B    | G3070011  |       |      |
| Q 5106 | TRANSISTOR  |       |       |      | FN1A4P-T2B    | G3070011  |       |      |
| Q 5107 | TRANSISTOR  |       |       |      | FA1A4P-T2B    | G3070006  |       |      |
| Q 5108 | IC          |       |       |      | M54562P       | G1091196  |       |      |
| Q 5109 | TRANSISTOR  |       |       |      | FA1A4P-T2B    | G3070006  |       |      |
| R 5101 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 5102 | CHIP RES.   | 330K  | 1/10W |      | RMC1/10T 334J | J24205334 |       |      |
| R 5103 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 5104 | CHIP RES.   | 39K   | 1/10W |      | RMC1/10T 393J | J24205393 |       |      |
| R 5105 | CHIP RES.   | 330   | 1/10W |      | RMC1/10T 331J | J24205331 |       |      |
| R 5106 | CHIP RES.   | 2.2K  | 1/10W |      | RMC1/10T 222J | J24205222 |       |      |
| R 5107 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 5108 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 5109 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 5110 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 5111 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5112 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5113 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5114 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5115 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5116 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5118 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5119 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5120 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5121 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5122 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5123 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5124 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5125 | CHIP RES.   | 100   | 1/10W |      | RMC1/10T 101J | J24205101 |       |      |
| R 5126 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |
| R 5127 | CHIP RES.   | 0     | 1/10W |      | RMC1/10T 000J | J24205000 |       |      |

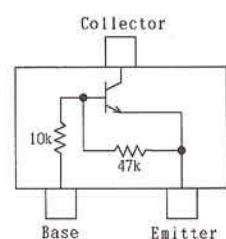




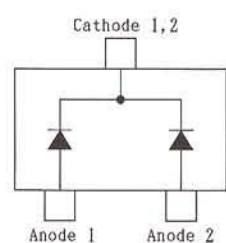




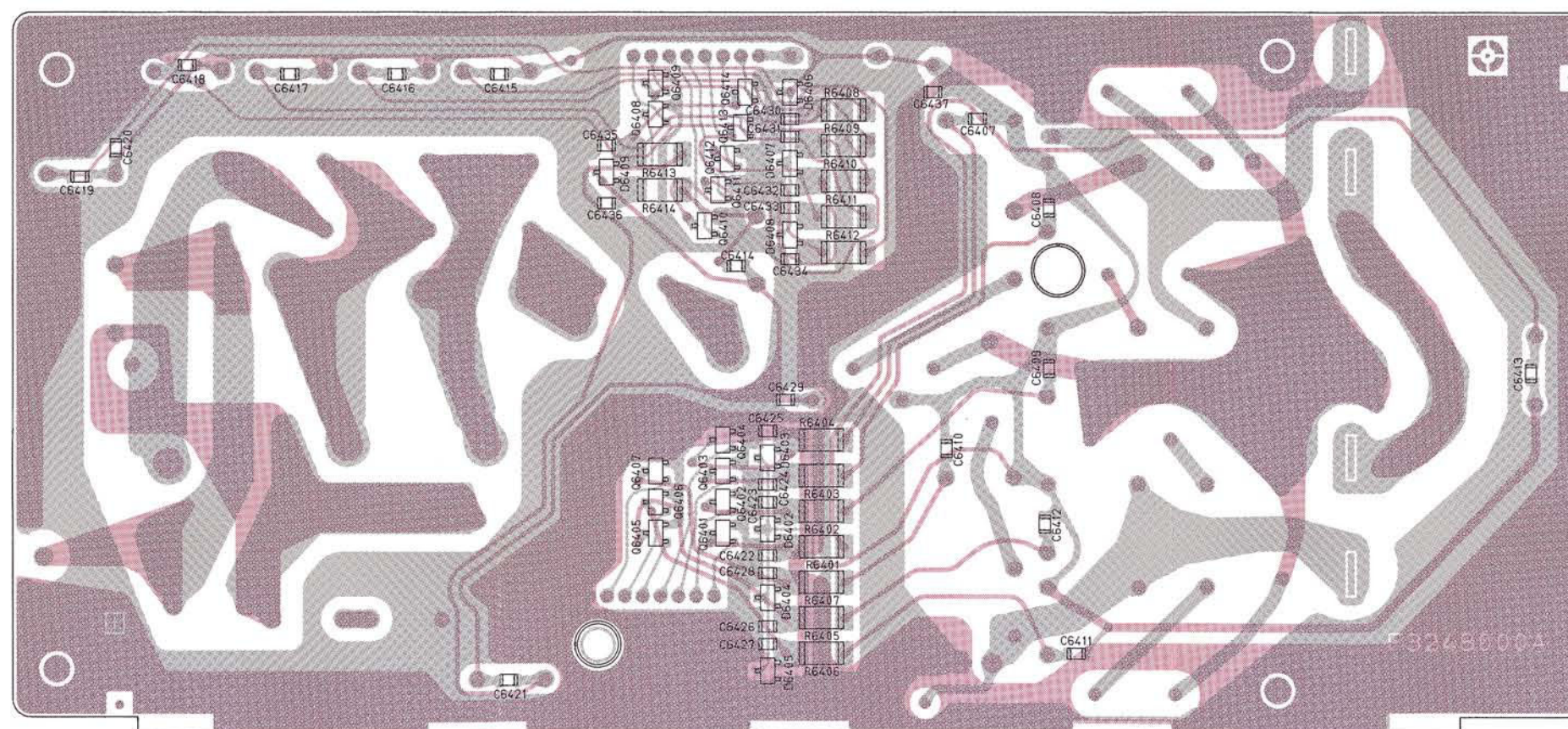
"component" side



DTC114EK (24)  
Q6401, 6402, 6403  
6404, 6405, 6406  
6407, 6408, 6414



HSM2838 (A6)  
D6402, 6403, 6404  
6405, 6406, 6407  
6408, 6409



"chip-only" side



# Tuner Main Unit

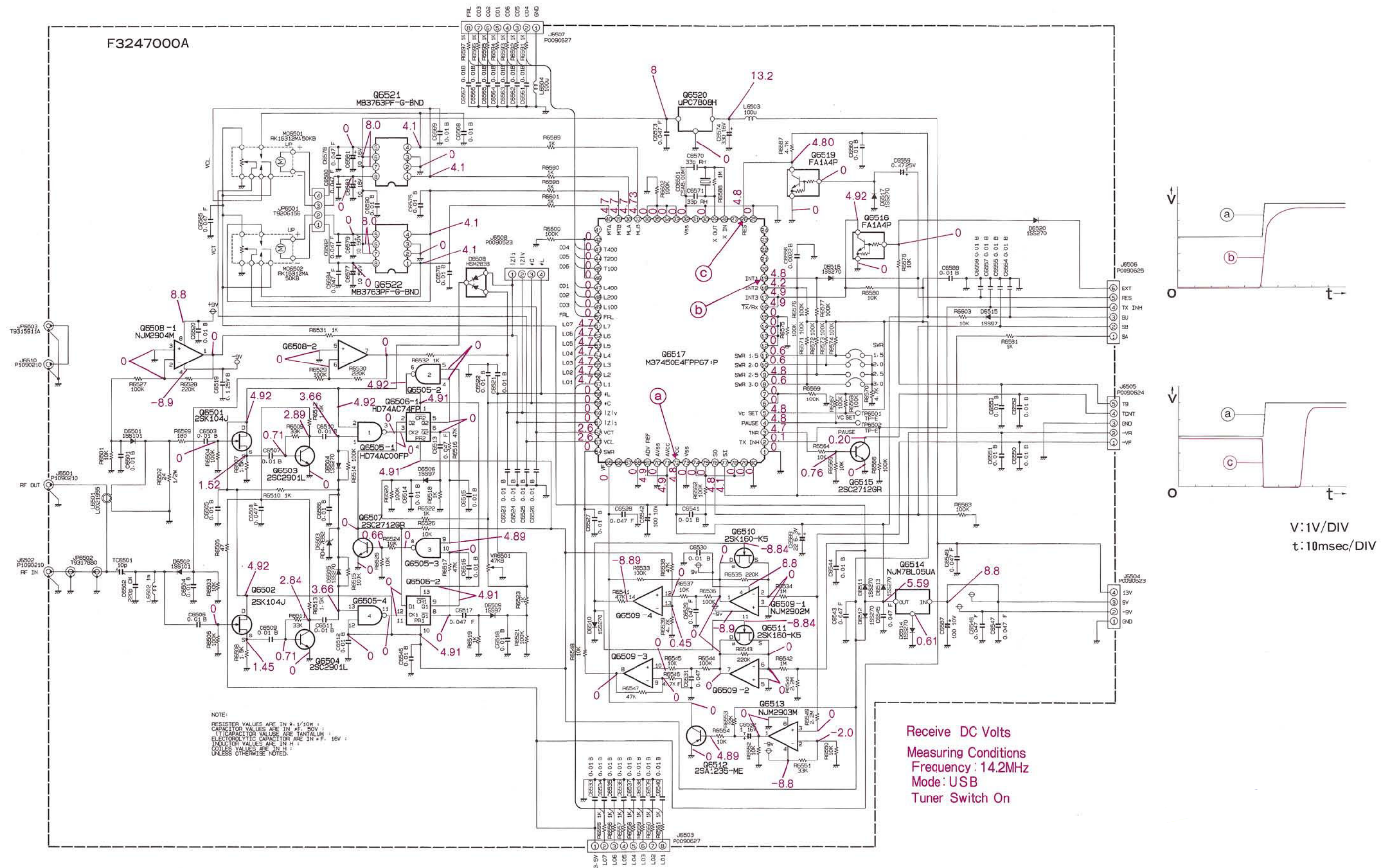
| REF.                    | DESCRIPTION                        | VALUE  | WV  | TOL. | MFGR'S DESIG   | YAESU P/N | VERS. | Addr |
|-------------------------|------------------------------------|--------|-----|------|----------------|-----------|-------|------|
| *** TUNER-MAIN UNIT *** |                                    |        |     |      |                |           |       |      |
|                         | PCB W COMP.                        |        |     |      |                | CA0397001 |       |      |
|                         | TUNER MAIN,TUNER CNTL UNIT W COMP. |        |     |      |                | CP3584001 |       |      |
|                         | PCB W/O COMP.                      |        |     |      |                | F3248000A |       |      |
| C 6401                  | MICA CAP.                          | 430p   | 1KV |      | DML2 431J10    | K30309018 |       |      |
| C 6402                  | MICA CAP.                          | 200p   | 1KV |      | DML2 201J10    | K30309026 |       |      |
| C 6403                  | MICA CAP.                          | 100pF  | 1KV |      | DML2 101J10    | K30309040 |       |      |
| C 6404                  | MICA CAP.                          | 430p   | 1KV |      | DML2 431J10    | K30309018 |       |      |
| C 6405                  | MICA CAP.                          | 200p   | 1KV |      | DML2 201J10    | K30309026 |       |      |
| C 6406                  | MICA CAP.                          | 100pF  | 1KV |      | DML2 101J10    | K30309040 |       |      |
| C 6407                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6408                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6409                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6410                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6411                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6412                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6413                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6414                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6415                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6416                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6417                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6418                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6419                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6420                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6421                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6422                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6423                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6424                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6425                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6426                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6427                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6428                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6429                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6430                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6431                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6432                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6433                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6434                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6435                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6436                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| C 6437                  | CHIP CAP.                          | 0.01uF | 50V | B    | GRM40B103M50PT | K22170817 |       |      |
| D 6401                  | SURGE ABSORBER                     |        |     |      | DSA-301LA      | Q9000371  |       |      |
| D 6402                  | DIODE                              |        |     |      | HSM2838-TR     | G2070108  |       |      |
| D 6403                  | DIODE                              |        |     |      | HSM2838-TR     | G2070108  |       |      |
| D 6404                  | DIODE                              |        |     |      | HSM2838-TR     | G2070108  |       |      |
| D 6405                  | DIODE                              |        |     |      | HSM2838-TR     | G2070108  |       |      |
| D 6406                  | DIODE                              |        |     |      | HSM2838-TR     | G2070108  |       |      |
| D 6407                  | DIODE                              |        |     |      | HSM2838-TR     | G2070108  |       |      |
| D 6408                  | DIODE                              |        |     |      | HSM2838-TR     | G2070108  |       |      |
| D 6409                  | DIODE                              |        |     |      | HSM2838-TR     | G2070108  |       |      |
| J 6401                  | CONNECTOR                          |        |     |      | TMP-J01X-A2    | P1090255  |       |      |



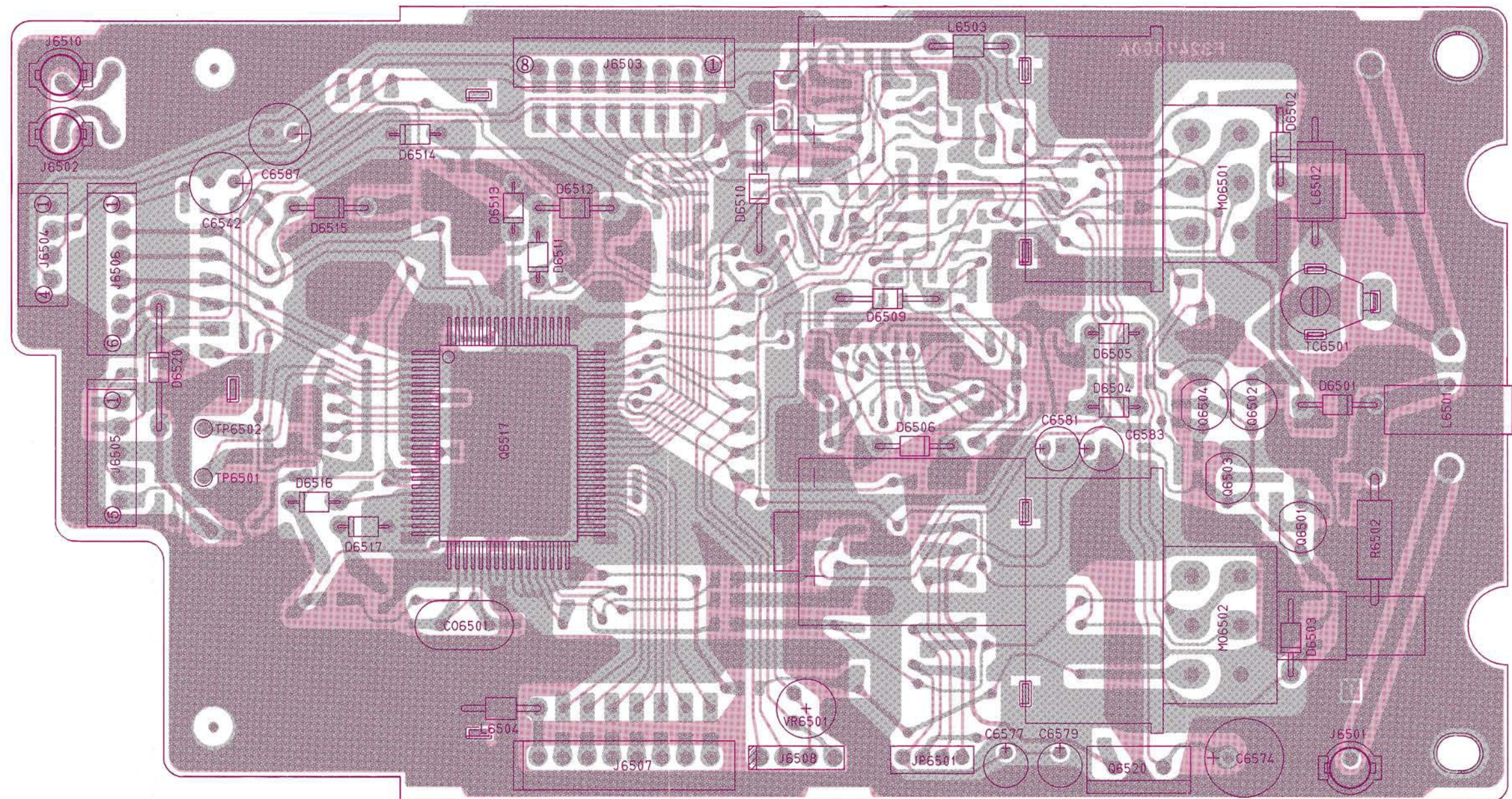
# Tuner Main Unit

| REF.   | DESCRIPTION  | VALUE  | WV    | TOL. | MFGR'S DESIG      | YAESU P/N | VERS. | Addr |
|--------|--------------|--------|-------|------|-------------------|-----------|-------|------|
| JP6401 | WIRE-ASSY    |        |       |      |                   | T9206154  |       |      |
| JP6402 | WIRE-ASSY    |        |       |      |                   | T9206153  |       |      |
| JP6403 | WIRE-ASSY    |        |       |      |                   | T9311501  |       |      |
| L 6401 | COIL         |        |       |      | 2. 5T15D2. 0PVF R | L0021949  |       |      |
| L 6402 | COIL         |        |       |      | 2. 5T15D2. 0PVF R | L0021949  |       |      |
| L 6403 | COIL         |        |       |      | 4. 5T15D2. 0PVF R | L0021950  |       |      |
| L 6404 | COIL         |        |       |      | 6. 5T19D2. 0PVF R | L0022064  |       |      |
| L 6405 | COIL         |        |       |      | 7. 5T20D1. 2UEW R | L0022049  |       |      |
| L 6406 | COIL         | 2. 55u |       |      | 2. 55U T-80-2     | L0021978  |       |      |
| L 6407 | COIL         | 2. 55u |       |      | 2. 55U T-80-2     | L0021978  |       |      |
| L 6408 | COIL         | 2. 55u |       |      | 2. 55U T-80-2     | L0021978  |       |      |
| L 6409 | M. RFC       | 22uH   |       |      | LAL03TA220K       | L1790099  |       |      |
| L 6410 | M. RFC       | 22uH   |       |      | LAL03TA220K       | L1790099  |       |      |
| Q 6401 | TRANSISTOR   |        |       |      | DTC114EK T96      | G3070002  |       |      |
| Q 6402 | TRANSISTOR   |        |       |      | DTC114EK T96      | G3070002  |       |      |
| Q 6403 | TRANSISTOR   |        |       |      | DTC114EK T96      | G3070002  |       |      |
| Q 6404 | TRANSISTOR   |        |       |      | DTC114EK T96      | G3070002  |       |      |
| Q 6405 | TRANSISTOR   |        |       |      | DTC114EK T96      | G3070002  |       |      |
| Q 6406 | TRANSISTOR   |        |       |      | DTC114EK T96      | G3070002  |       |      |
| Q 6407 | TRANSISTOR   |        |       |      | DTC114EK T96      | G3070002  |       |      |
| Q 6408 | TRANSISTOR   |        |       |      | DTC114EK T96      | G3070002  |       |      |
| Q 6414 | TRANSISTOR   |        |       |      | DTC114EK T96      | G3070002  |       |      |
| R 6401 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| R 6402 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| R 6403 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| R 6404 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| R 6405 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| R 6406 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| R 6407 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| R 6408 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| R 6409 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| R 6410 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| R 6411 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| R 6412 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| R 6413 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| R 6414 | CHIP RES.    | 47     | 1/2W  |      | RMC1/2 470JCTP    | J24275470 |       |      |
| RL6401 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| RL6402 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| RL6403 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| RL6404 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| RL6405 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| RL6406 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| RL6407 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| RL6408 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| RL6409 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| RL6410 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| RL6411 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| RL6412 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| RL6413 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| RL6414 | RELAY        |        | DC12V |      | AGP2003           | M1190075  |       |      |
| VC6401 | TRIMMER CAP. | 125p   |       |      | YV-125-05         | K90000049 |       |      |
| VC6402 | TRIMMER CAP. | 125p   |       |      | YV-125-05         | K90000049 |       |      |

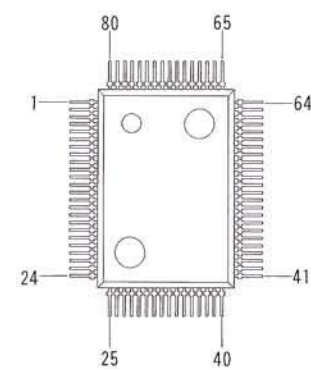
## FT-890 Technical Supplement



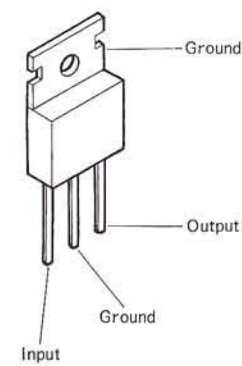




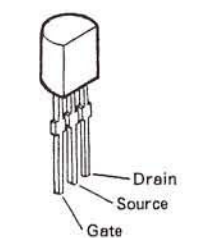
"component" side



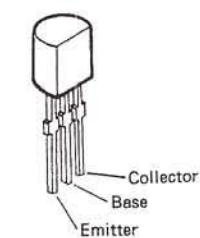
M37450E4FP MY-021  
(Q6517)



μPC7808H  
(Q6520)



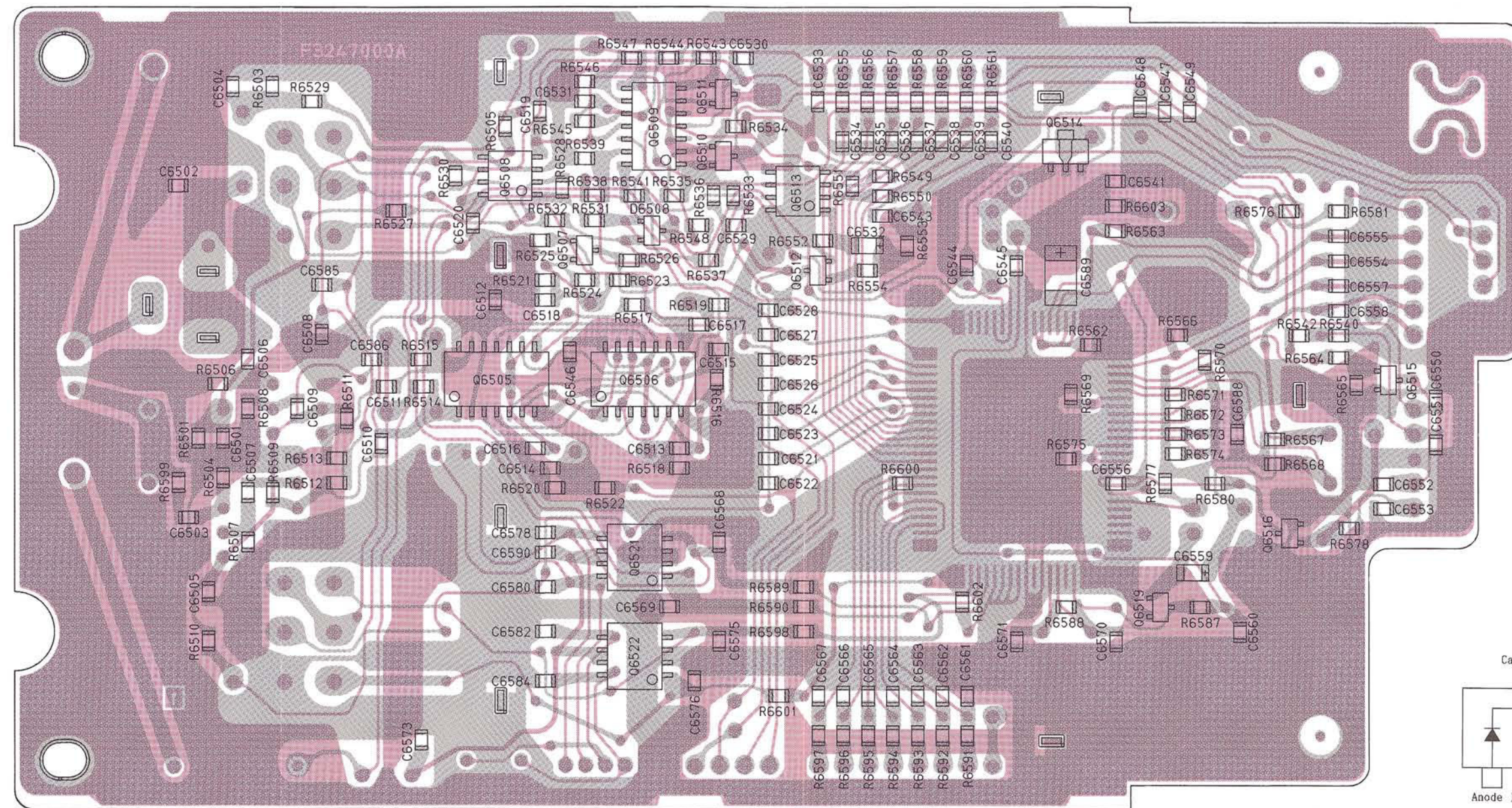
2SK104J  
(Q6501, 6502)



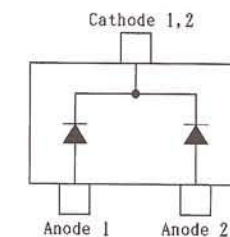
2SC2901L  
(Q6503, 6504)



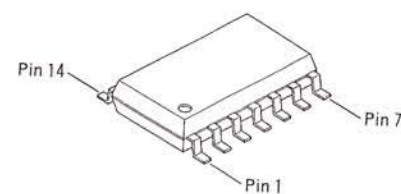
# Tuner Control (CNTL) Unit



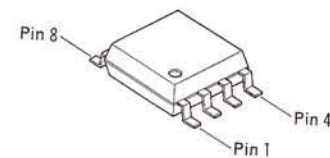
"chip-only" side



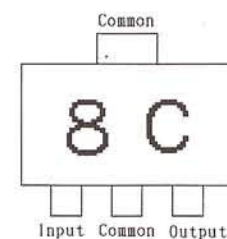
HSM2838 (A6)  
(D6508)



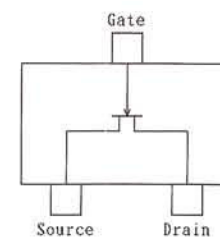
HD74AC00FP  
(Q6505)  
HD74AC74FP  
(Q6506)  
NJM2902M  
(Q6509)



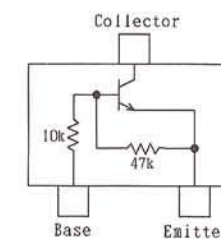
MB3763PF  
(6521, 6522)  
NJM2903M  
(Q6513)  
NJM2904M  
(Q6508)



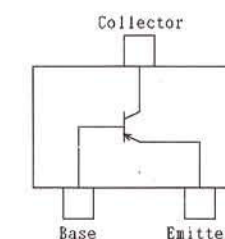
NJM78L05UA (8C)  
(Q6514)



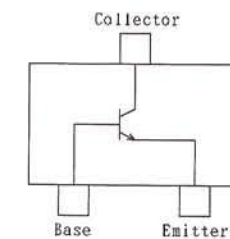
2SK160 (K5)  
(Q6510, 6511)



FA1A4P (L34)  
(Q6516, 6519)



2SA1235 (ME)  
(Q6512)



2SC2712GR (LG)  
(Q6507, 6515)



# Tuner Control (CNTL) Unit

| REF.                  | DESCRIPTION        | VALUE   | WV  | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|-----------------------|--------------------|---------|-----|------|-----------------|-----------|-------|------|
| *** TUN-CNTL UNIT *** |                    |         |     |      |                 |           |       |      |
|                       | PCB W COMP.        |         |     |      |                 | CA0570001 |       |      |
|                       | PCB W/O COMP.      |         |     |      |                 | F3247000A |       |      |
| C 6501                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6502                | CHIP CAP.          | 220pF   | 50V | CH   | GRM40CH221J50PT | K22170243 |       |      |
| C 6503                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6504                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6505                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6506                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6507                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6508                | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6509                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6510                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6511                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6512                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6513                | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6514                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6515                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6516                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6517                | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6518                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6519                | CHIP CAP.          | 0.1uF   | 25V | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 6520                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6521                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6522                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6523                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6524                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6525                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6526                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6527                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6528                | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6529                | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6530                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6531                | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6532                | TANTALUM CHIP CAP. | 1uF     | 16V |      | TESVA1C105M1-8R | K78120009 |       |      |
| C 6533                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6534                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6535                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6536                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6537                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6538                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6539                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6540                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6541                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6542                | AL. ELECTRO. CAP.  | 100uF   | 10V |      | RC2-10V101M     | K40109015 |       |      |
| C 6543                | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6544                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6545                | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6546                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6547                | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6548                | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6549                | CHIP CAP.          | 0.047uF | 50V | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6550                | CHIP CAP.          | 0.01uF  | 50V | B    | GRM40B103M50PT  | K22170817 |       |      |

# Tuner Control (CNTL) Unit

| REF.   | DESCRIPTION        | VALUE    | WV   | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|--------|--------------------|----------|------|------|-----------------|-----------|-------|------|
| C 6551 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6552 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6553 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6554 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6555 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6556 | CHIP CAP.          | 0.0022uF | 50V  | B    | GRM40B222M50PT  | K22170809 |       |      |
| C 6557 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6558 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6559 | TANTALUM CHIP CAP. | 0.47uF   | 25V  |      | TESVA1E474M1-8R | K78140009 |       |      |
| C 6560 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6561 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6562 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6563 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6564 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6565 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6566 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6567 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6568 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6569 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6570 | CHIP CAP.          | 33pF     | 50V  | RH   | GRM40RH330J50PT | K22170523 |       |      |
| C 6571 | CHIP CAP.          | 33pF     | 50V  | RH   | GRM40RH330J50PT | K22170523 |       |      |
| C 6573 | CHIP CAP.          | 0.047uF  | 50V  | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6574 | AL. ELECTRO. CAP.  | 330uF    | 16V  |      | RE2-16V331M     | K40129043 |       |      |
| C 6575 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6576 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6577 | AL. ELECTRO. CAP.  | 10uF     | 50V  |      | RE2-50V100M     | K40179041 |       |      |
| C 6578 | CHIP CAP.          | 0.047uF  | 50V  | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6579 | AL. ELECTRO. CAP.  | 10uF     | 50V  |      | RE2-50V100M     | K40179041 |       |      |
| C 6580 | CHIP CAP.          | 0.047uF  | 50V  | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6581 | AL. ELECTRO. CAP.  | 10uF     | 16V  |      | RC2-16V100M     | K40129012 |       |      |
| C 6582 | CHIP CAP.          | 0.047uF  | 50V  | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6583 | AL. ELECTRO. CAP.  | 10uF     | 16V  |      | RC2-16V100M     | K40129012 |       |      |
| C 6584 | CHIP CAP.          | 0.047uF  | 50V  | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6585 | CHIP CAP.          | 0.047uF  | 50V  | F    | GRM40F473Z50PT  | K22171008 |       |      |
| C 6586 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6587 | AL. ELECTRO. CAP.  | 100uF    | 10V  |      | RC2-10V101M     | K40109015 |       |      |
| C 6588 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 6589 | TANTALUM CHIP CAP. | 22uF     | 6.3V |      | TESVCOJ226M12R  | K78080011 |       |      |
| C 6590 | CHIP CAP.          | 0.01uF   | 50V  | B    | GRM40B103M50PT  | K22170817 |       |      |
| CO6501 | CERAMIC OSC        |          |      |      | CSA8.00MT       | H7900580  |       |      |
| D 6501 | DIODE              |          |      |      | 1SS101          | G2090223  |       |      |
| D 6502 | DIODE              |          |      |      | 1SS101          | G2090223  |       |      |
| D 6503 | DIODE              |          |      |      | RD4.7EB2-T1     | G2060006  |       |      |
| D 6504 | DIODE              |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 6505 | DIODE              |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 6506 | DIODE              |          |      |      | 1SS97           | G2090118  |       |      |
| D 6508 | DIODE              |          |      |      | HSM2838-TR      | G2070108  |       |      |
| D 6509 | DIODE              |          |      |      | 1SS97           | G2090118  |       |      |
| D 6510 | DIODE              |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 6511 | DIODE              |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 6512 | DIODE              |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 6513 | DIODE              |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 6514 | DIODE              |          |      |      | 1SS270TJ        | G2060004  |       |      |
| D 6515 | DIODE              |          |      |      | 1SS97           | G2090118  |       |      |



# Tuner Control (CNTL) Unit

| REF.   | DESCRIPTION        | VALUE | WV    | TOL. | MFGR'S DESIG      | YAESU P/N | VERS. | Addr |
|--------|--------------------|-------|-------|------|-------------------|-----------|-------|------|
| D 6516 | DIODE              |       |       |      | 1SS270TJ          | G2060004  |       |      |
| D 6517 | DIODE              |       |       |      | 1SS270TJ          | G2060004  |       |      |
| D 6520 | DIODE              |       |       |      | 1SS270TJ          | G2060004  |       |      |
| J 6501 | CONNECTOR          |       |       |      | TMP-J01X-V6       | P1090210  |       |      |
| J 6502 | CONNECTOR          |       |       |      | TMP-J01X-V6       | P1090210  |       |      |
| J 6503 | CONNECTOR          |       |       |      | SC25-08WS         | P0090627  |       |      |
| J 6504 | CONNECTOR          |       |       |      | SC25-04WS         | P0090623  |       |      |
| J 6505 | CONNECTOR          |       |       |      | SC25-05WS         | P0090624  |       |      |
| J 6506 | CONNECTOR          |       |       |      | SC25-06WS         | P0090625  |       |      |
| J 6507 | CONNECTOR          |       |       |      | SC25-08WS         | P0090627  |       |      |
| J 6508 | CONNECTOR          |       |       |      | 3022-04B          | P0090523  |       |      |
| J 6510 | CONNECTOR          |       |       |      | TMP-J01X-V6       | P1090210  |       |      |
| JP6501 | WIRE-ASSY          |       |       |      |                   | T9206156  |       |      |
| JP6502 | WIRE-ASSY          |       |       |      |                   | T9317880  |       |      |
| JP6503 | TMP-PLUG WIRE-ASSY |       |       |      |                   | T9315911A |       |      |
| L 6501 | COIL               |       |       |      | U 2001F FR9.5     | L0021955  |       |      |
| L 6502 | M. RFC             | 1mH   |       |      | LAL04NA102K       | L1190090  |       |      |
| L 6503 | M. RFC             | 100uH |       |      | LAL03TA101K       | L1790107  |       |      |
| L 6504 | M. RFC             | 100uH |       |      | LAL03TA101K       | L1790107  |       |      |
| MO6501 | MOTOR POT.         | 50KB  |       |      | RK16312MA         | Q9000563  |       |      |
| MO6502 | MOTOR POT.         | 50KB  |       |      | RK16312MA         | Q9000563  |       |      |
| Q 6501 | FET                |       |       |      | 2SK104J           | G3801040J |       |      |
| Q 6502 | FET                |       |       |      | 2SK104J           | G3801040J |       |      |
| Q 6503 | TRANSISTOR         |       |       |      | 2SC2901L          | G3329010L |       |      |
| Q 6504 | TRANSISTOR         |       |       |      | 2SC2901L          | G3329010L |       |      |
| Q 6505 | IC                 |       |       |      | HD74AC00FP-TR     | G1091226  |       | B3   |
| Q 6506 | IC                 |       |       |      | HD74AC74FP-TR     | G1091225  |       | B4   |
| Q 6507 | TRANSISTOR         |       |       |      | 2SC2712GR TE85R   | G3327127G |       | B3   |
| Q 6508 | IC                 |       |       |      | NJM2904M          | G1090589  |       | A3   |
| Q 6509 | IC                 |       |       |      | NJM2902M          | G1090908  |       | A4   |
| Q 6510 | FET                |       |       |      | 2SK160-T2B K5     | G3801607E |       | A4   |
| Q 6511 | FET                |       |       |      | 2SK160-T2B K5     | G3801607E |       | A4   |
| Q 6512 | TRANSISTOR         |       |       |      | 2SA1235-T14-2E    | G3112357E |       | B4   |
| Q 6513 | IC                 |       |       |      | NJM2903M T2       | G1091073  |       | A4   |
| Q 6514 | IC                 |       |       |      | NJM78L05UA TE2    | G1091325  |       | A5   |
| Q 6515 | TRANSISTOR         |       |       |      | 2SC2712GR TE85R   | G3327127G |       | B6   |
| Q 6516 | TRANSISTOR         |       |       |      | FA1A4P-T2B        | G3070006  |       | C6   |
| Q 6517 | IC                 |       |       |      | M37450E4FP MY-021 | G1091473  |       |      |
| Q 6519 | TRANSISTOR         |       |       |      | FA1A4P-T2B        | G3070006  |       | C6   |
| Q 6520 | IC                 |       |       |      | UPC7808H          | G1090294  |       |      |
| Q 6521 | IC                 |       |       |      | MB3763PF-G-BND-TF | G1091224  |       | C4   |
| Q 6522 | IC                 |       |       |      | MB3763PF-G-BND-TF | G1091224  |       | C4   |
| R 6501 | CHIP RES.          | 10K   | 1/10W |      | RMC1/10T 103J     | J24205103 |       |      |
| R 6502 | CARBPM FILM RES.   | 24    | 1/2W  |      | RD12TJ240         | J01275240 |       |      |
| R 6503 | CHIP RES.          | 10K   | 1/10W |      | RMC1/10T 103J     | J24205103 |       |      |
| R 6504 | CHIP RES.          | 100K  | 1/10W |      | RMC1/10T 104J     | J24205104 |       |      |
| R 6505 | CHIP RES.          | 47    | 1/10W |      | RMC1/10T 470J     | J24205470 |       |      |
| R 6506 | CHIP RES.          | 100K  | 1/10W |      | RMC1/10T 104J     | J24205104 |       |      |
| R 6507 | CHIP RES.          | 1.5K  | 1/10W |      | RMC1/10T 152J     | J24205152 |       |      |
| R 6508 | CHIP RES.          | 1.5K  | 1/10W |      | RMC1/10T 152J     | J24205152 |       |      |

# Tuner Control (CNTL) Unit

| REF.   | DESCRIPTION | VALUE | WV    | TOL. | MFGR'S DESIG  | YAESU P/N | VERS. | Addr |
|--------|-------------|-------|-------|------|---------------|-----------|-------|------|
| R 6509 | CHIP RES.   | 33K   | 1/10W |      | RMC1/10T 333J | J24205333 |       |      |
| R 6510 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6511 | CHIP RES.   | 33K   | 1/10W |      | RMC1/10T 333J | J24205333 |       |      |
| R 6512 | CHIP RES.   | 1.5K  | 1/10W |      | RMC1/10T 152J | J24205152 |       |      |
| R 6513 | CHIP RES.   | 1.5K  | 1/10W |      | RMC1/10T 152J | J24205152 |       |      |
| R 6514 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 6515 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 6516 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 6517 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 6518 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6519 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6520 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 6521 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 6522 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6523 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6524 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 6525 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 6526 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 6527 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 6528 | CHIP RES.   | 220K  | 1/10W |      | RMC1/10T 224J | J24205224 |       |      |
| R 6529 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 6530 | CHIP RES.   | 220K  | 1/10W |      | RMC1/10T 224J | J24205224 |       |      |
| R 6531 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6532 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6533 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 6534 | CHIP RES.   | 1M    | 1/10W |      | RMC1/10T 105J | J24205105 |       |      |
| R 6535 | CHIP RES.   | 220K  | 1/10W |      | RMC1/10T 224J | J24205224 |       |      |
| R 6536 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 6537 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 6538 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 6539 | CHIP RES.   | 4.7K  | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 6540 | CHIP RES.   | 2.2M  | 1/10W |      | RMC1/10T 225J | J24205225 |       |      |
| R 6541 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 6542 | CHIP RES.   | 1M    | 1/10W |      | RMC1/10T 105J | J24205105 |       |      |
| R 6543 | CHIP RES.   | 220K  | 1/10W |      | RMC1/10T 224J | J24205224 |       |      |
| R 6544 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 6545 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 6546 | CHIP RES.   | 4.7K  | 1/10W |      | RMC1/10T 472J | J24205472 |       |      |
| R 6547 | CHIP RES.   | 47K   | 1/10W |      | RMC1/10T 473J | J24205473 |       |      |
| R 6548 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 6549 | CHIP RES.   | 2.2M  | 1/10W |      | RMC1/10T 225J | J24205225 |       |      |
| R 6550 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 6551 | CHIP RES.   | 33K   | 1/10W |      | RMC1/10T 333J | J24205333 |       |      |
| R 6552 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 6553 | CHIP RES.   | 22K   | 1/10W |      | RMC1/10T 223J | J24205223 |       |      |
| R 6554 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |
| R 6555 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6556 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6557 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6558 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6559 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6560 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6561 | CHIP RES.   | 1K    | 1/10W |      | RMC1/10T 102J | J24205102 |       |      |
| R 6562 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 6563 | CHIP RES.   | 100K  | 1/10W |      | RMC1/10T 104J | J24205104 |       |      |
| R 6564 | CHIP RES.   | 10K   | 1/10W |      | RMC1/10T 103J | J24205103 |       |      |

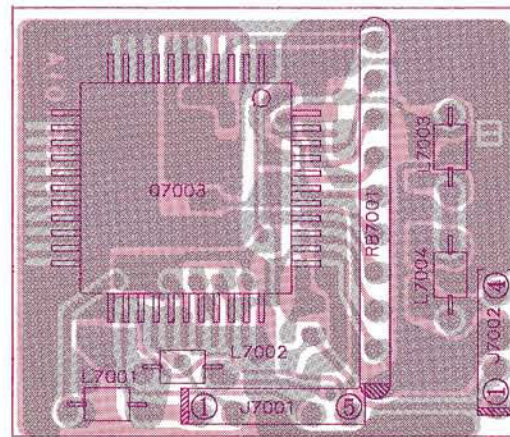


# Tuner Control (CNTL) Unit

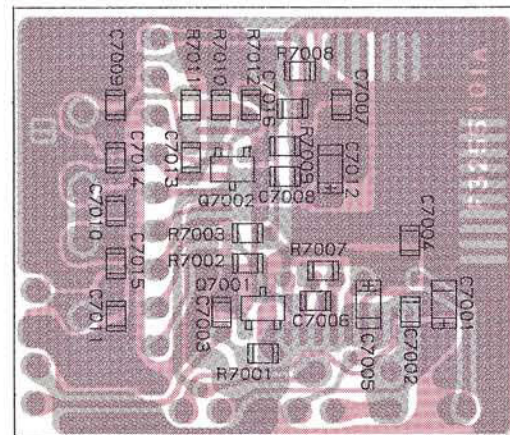
| REF.   | DESCRIPTION  | VALUE | WV    | TOL. | MFGR'S DESIG   | YAESU P/N | VERS. | Addr |
|--------|--------------|-------|-------|------|----------------|-----------|-------|------|
| R 6565 | CHIP RES.    | 10K   | 1/10W |      | RMC1/10T 103J  | J24205103 |       |      |
| R 6566 | CHIP RES.    | 100K  | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 6567 | CHIP RES.    | 100K  | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 6568 | CHIP RES.    | 100K  | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 6569 | CHIP RES.    | 100K  | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 6570 | CHIP RES.    | 4.7K  | 1/10W |      | RMC1/10T 472J  | J24205472 |       |      |
| R 6571 | CHIP RES.    | 100K  | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 6572 | CHIP RES.    | 100K  | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 6573 | CHIP RES.    | 100K  | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 6574 | CHIP RES.    | 100K  | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 6575 | CHIP RES.    | 100K  | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 6576 | CHIP RES.    | 100K  | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 6577 | CHIP RES.    | 100K  | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 6578 | CHIP RES.    | 10K   | 1/10W |      | RMC1/10T 103J  | J24205103 |       |      |
| R 6580 | CHIP RES.    | 10K   | 1/10W |      | RMC1/10T 103J  | J24205103 |       |      |
| R 6581 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 6587 | CHIP RES.    | 4.7K  | 1/10W |      | RMC1/10T 472J  | J24205472 |       |      |
| R 6588 | CHIP RES.    | 1M    | 1/10W |      | RMC1/10T 105J  | J24205105 |       |      |
| R 6589 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 6590 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 6591 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 6592 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 6593 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 6594 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 6595 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 6596 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 6597 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 6598 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 6599 | CHIP RES.    | 180   | 1/10W |      | RMC1/10T 181J  | J24205181 |       |      |
| R 6600 | CHIP RES.    | 100K  | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 6601 | CHIP RES.    | 1K    | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 6602 | CHIP RES.    | 100K  | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 6603 | CHIP RES.    | 10K   | 1/10W |      | RMC1/10T 103J  | J24205103 |       |      |
| TC6501 | TRIMMER CAP. | 10pF  |       |      | ECV1ZW10X32    | K91000012 |       |      |
| TP6501 | TP-E/        |       |       |      | TP-E/MS-60124  | Q5000016  |       |      |
| TP6502 | TP-E/        |       |       |      | TP-E/MS-60124  | Q5000016  |       |      |
| VR6501 | POT.         | 47KB  |       |      | H0651A017-47KB | J51745473 |       |      |



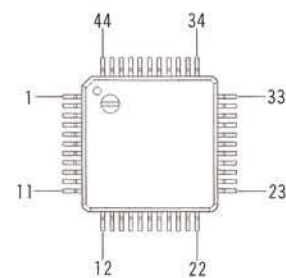
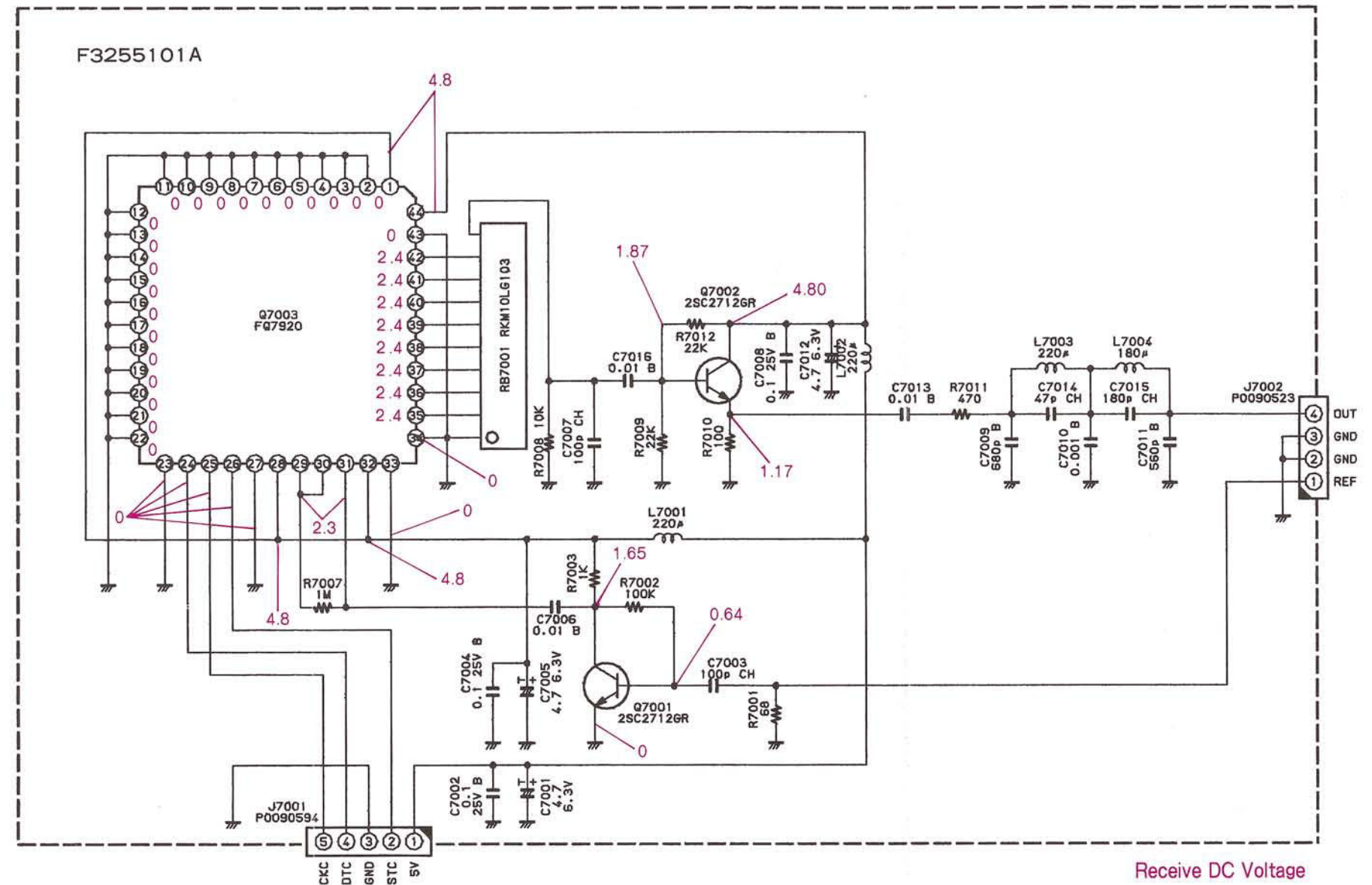




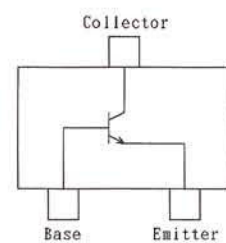
"component" side



"chip-only" side



FQ7920  
(Q7003)



2SC2712GR (LG)  
(Q7001, Q7002)

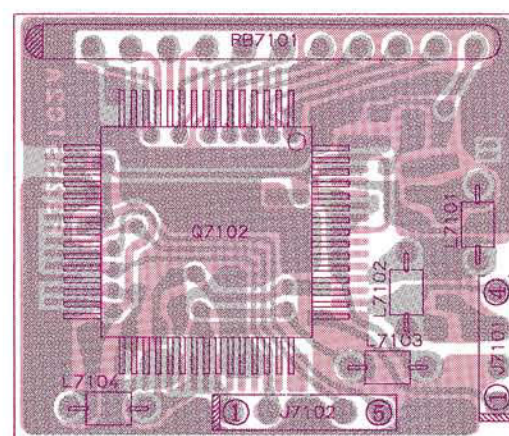
# Carrier (CAR) DDS Unit

| REF.                 | DESCRIPTION        | VALUE      | WV    | TOL. | MFGR'S DESIG       | YAESU P/N | VERS. | Addr |
|----------------------|--------------------|------------|-------|------|--------------------|-----------|-------|------|
| *** CAR-DDS UNIT *** |                    |            |       |      |                    |           |       |      |
|                      | PCB W COMP.        |            |       |      |                    | CA0490001 |       |      |
|                      | PCB W/O COMP.      |            |       |      |                    | F3255101A |       |      |
| C 7001               | TANTALUM CHIP CAP. | 4.7uF      | 6.3V  |      | TEMSVA0J475M-8R    | K78080017 |       |      |
| C 7002               | CHIP CAP.          | 0.1uF      | 25V   | B    | GRM40B104M25PT     | K22140811 |       |      |
| C 7003               | CHIP CAP.          | 100pF      | 50V   | CH   | GRM40CH101J50PT    | K22170235 |       |      |
| C 7004               | CHIP CAP.          | 0.1uF      | 25V   | B    | GRM40B104M25PT     | K22140811 |       |      |
| C 7005               | TANTALUM CHIP CAP. | 4.7uF      | 6.3V  |      | TEMSVA0J475M-8R    | K78080017 |       |      |
| C 7006               | CHIP CAP.          | 0.01uF     | 50V   | B    | GRM40B103M50PT     | K22170817 |       |      |
| C 7007               | CHIP CAP.          | 100pF      | 50V   | CH   | GRM40CH101J50PT    | K22170235 |       |      |
| C 7008               | CHIP CAP.          | 0.1uF      | 25V   | B    | GRM40B104M25PT     | K22140811 |       |      |
| C 7009               | CHIP CAP.          | 680pF      | 50V   | B    | GRM40B681M50PT     | K22170803 |       |      |
| C 7010               | CHIP CAP.          | 0.001uF    | 50V   | B    | GRM40B102M50PT     | K22170805 |       |      |
| C 7011               | CHIP CAP.          | 560pF      | 50V   | B    | GRM40B561M50PT     | K22170802 |       |      |
| C 7012               | TANTALUM CHIP CAP. | 4.7uF      | 6.3V  |      | TEMSVA0J475M-8R    | K78080017 |       |      |
| C 7013               | CHIP CAP.          | 0.01uF     | 50V   | B    | GRM40B103M50PT     | K22170817 |       |      |
| C 7014               | CHIP CAP.          | 47pF       | 50V   | CH   | GRM40CH470J50PT    | K22170227 |       |      |
| C 7015               | CHIP CAP.          | 180pF      | 50V   | CH   | GRM40CH181J50PT    | K22170241 |       |      |
| C 7016               | CHIP CAP.          | 0.01uF     | 50V   | B    | GRM40B103M50PT     | K22170817 |       |      |
| J 7001               | CONNECTOR          |            |       |      | 3022-05B           | P0090594  |       |      |
| J 7002               | CONNECTOR          |            |       |      | 3022-04B           | P0090523  |       |      |
| L 7001               | M. RFC             | 220uH      |       |      | LAP02TA221K        | L1790074  |       |      |
| L 7002               | M. RFC             | 220uH      |       |      | LAP02TA221K        | L1790074  |       |      |
| L 7003               | M. RFC             | 220uH      |       |      | LAP02TA221K        | L1790074  |       |      |
| L 7004               | M. RFC             | 180uH      |       |      | LAP02TA181K        | L1790073  |       |      |
| Q 7001               | TRANSISTOR         |            |       |      | 2SC2712GR TE85R    | G3327127G |       |      |
| Q 7002               | TRANSISTOR         |            |       |      | 2SC2712GR TE85R    | G3327127G |       |      |
| Q 7003               | IC                 |            |       |      | FQ7920 (CF77399FS) | G1090952  |       |      |
| R 7001               | CHIP RES.          | 68         | 1/10W |      | RMC1/10T 680J      | J24205680 |       |      |
| R 7002               | CHIP RES.          | 100K       | 1/10W |      | RMC1/10T 104J      | J24205104 |       |      |
| R 7003               | CHIP RES.          | 1K         | 1/10W |      | RMC1/10T 102J      | J24205102 |       |      |
| R 7007               | CHIP RES.          | 1M         | 1/10W |      | RMC1/10T 105J      | J24205105 |       |      |
| R 7008               | CHIP RES.          | 10K        | 1/10W |      | RMC1/10T 103J      | J24205103 |       |      |
| R 7009               | CHIP RES.          | 22K        | 1/10W |      | RMC1/10T 223J      | J24205223 |       |      |
| R 7010               | CHIP RES.          | 100        | 1/10W |      | RMC1/10T 101J      | J24205101 |       |      |
| R 7011               | CHIP RES.          | 470        | 1/10W |      | RMC1/10T 471J      | J24205471 |       |      |
| R 7012               | CHIP RES.          | 22K        | 1/10W |      | RMC1/10T 223J      | J24205223 |       |      |
| RB7001               | BLOCK RES.         | RKM10LG103 |       |      | RKM10LG103         | J40900170 |       |      |

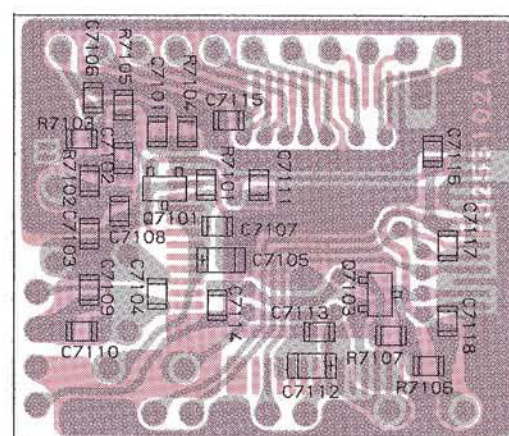


Notes

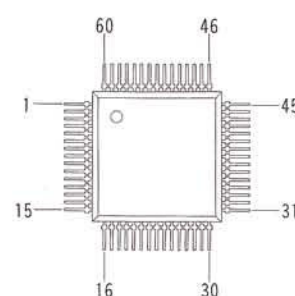
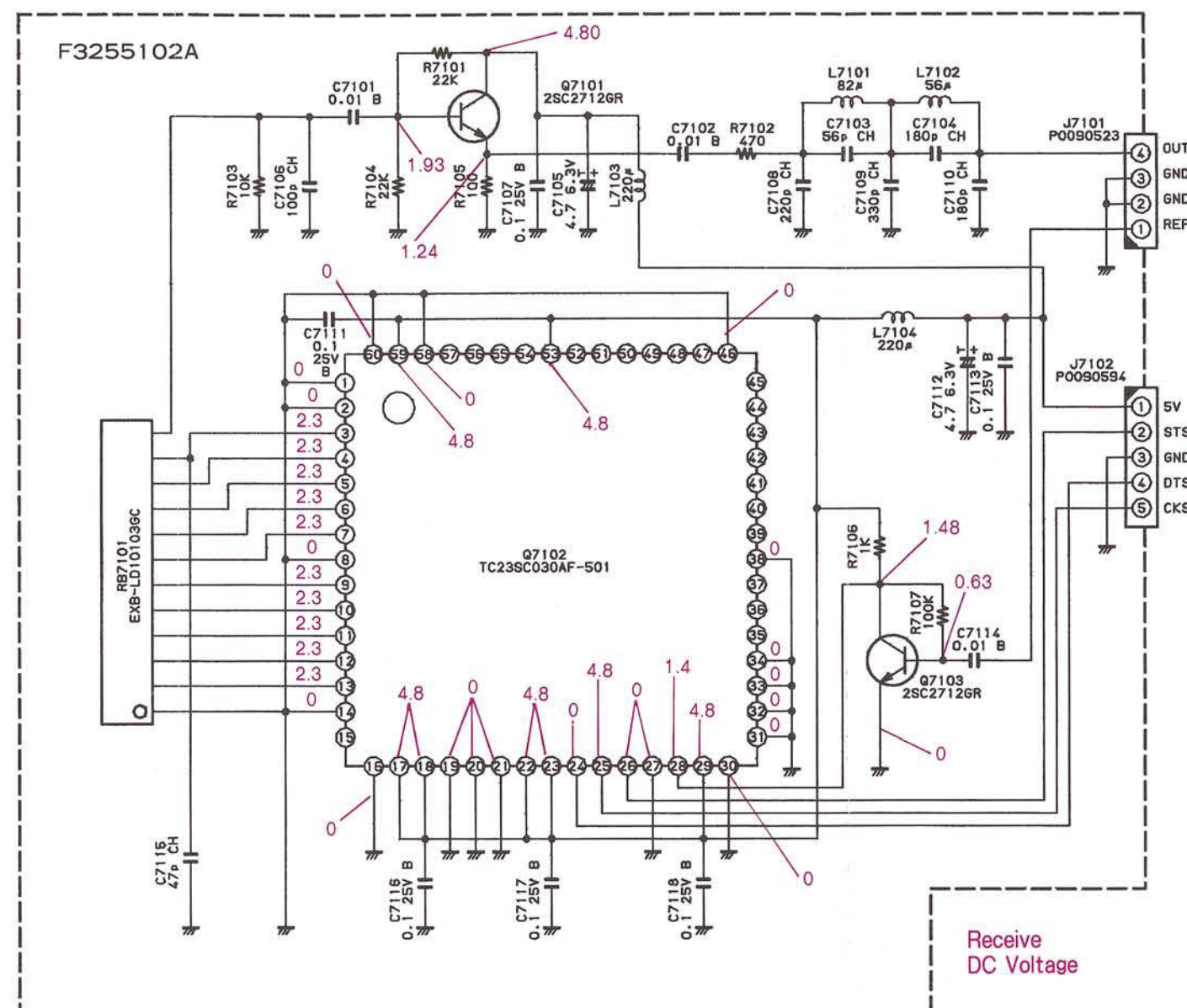
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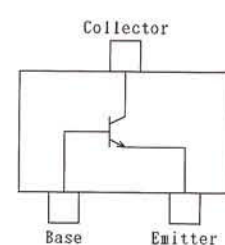
"component" side



"chip-only" side



TC23SC030AF-501  
(Q7102)



2SC2712GR (LG)  
(Q7101, Q7103)



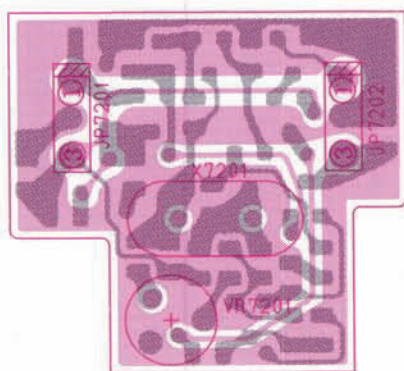
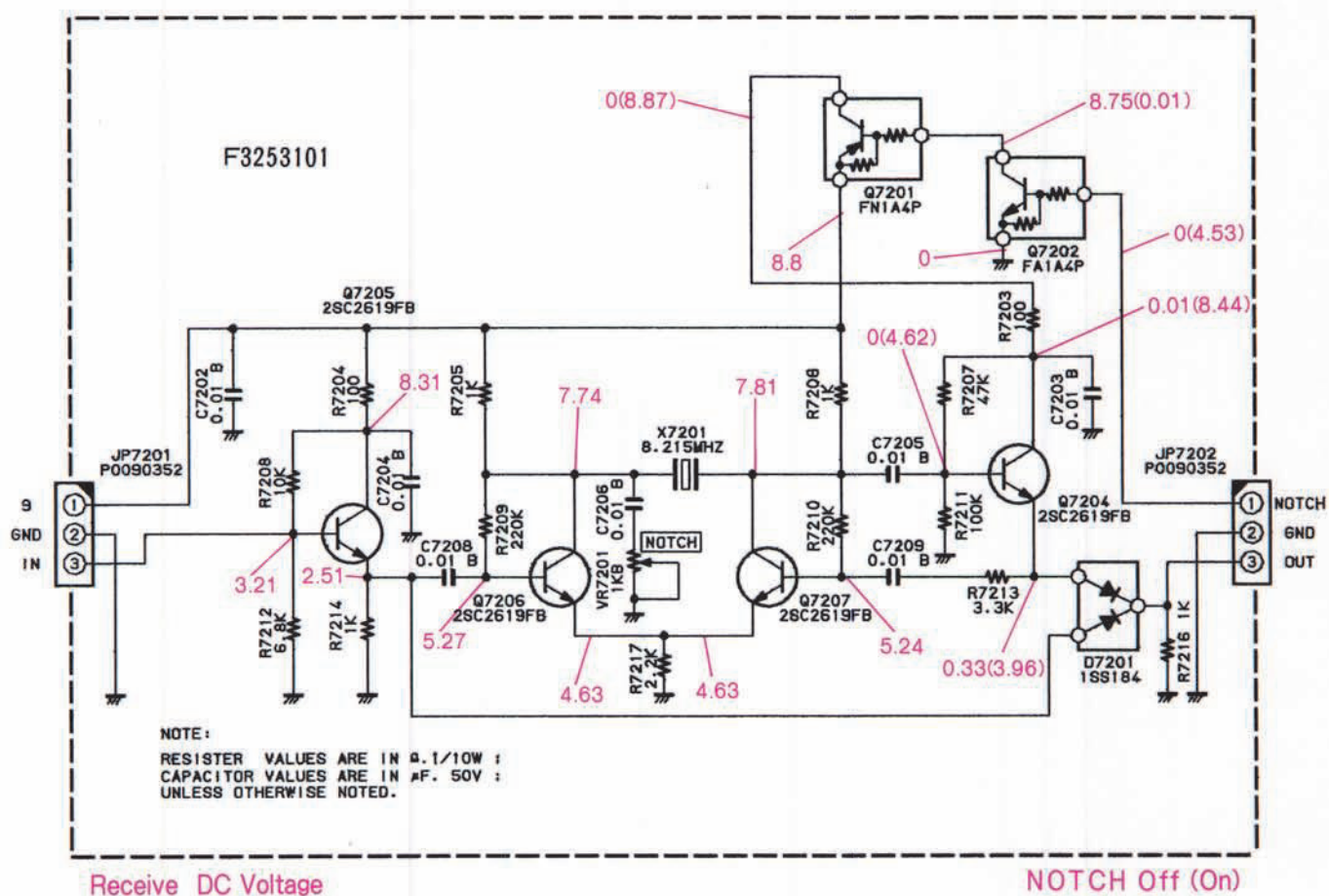
# Sub DDS Unit

| REF.                 | DESCRIPTION        | VALUE  | WV    | TOL. | MFGR'S DESIG    | YAESU P/N | VERS. | Addr |
|----------------------|--------------------|--------|-------|------|-----------------|-----------|-------|------|
| *** SUB-DDS UNIT *** |                    |        |       |      |                 |           |       |      |
|                      | PCB W COMP.        |        |       |      |                 | CA0385001 |       |      |
|                      | PCB W/O COMP.      |        |       |      |                 | F3255102A |       |      |
| C 7101               | CHIP CAP.          | 0.01uF | 50V   | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 7102               | CHIP CAP.          | 0.01uF | 50V   | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 7103               | CHIP CAP.          | 56pF   | 50V   | CH   | GRM40CH560J50PT | K22170229 |       |      |
| C 7104               | CHIP CAP.          | 180pF  | 50V   | CH   | GRM40CH181J50PT | K22170241 |       |      |
| C 7105               | TANTALUM CHIP CAP. | 4.7uF  | 6.3V  |      | TEMSVA0J475M-8R | K78080017 |       |      |
| C 7106               | CHIP CAP.          | 100pF  | 50V   | CH   | GRM40CH101J50PT | K22170235 |       |      |
| C 7107               | CHIP CAP.          | 0.1uF  | 25V   | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 7108               | CHIP CAP.          | 220pF  | 50V   | CH   | GRM40CH221J50PT | K22170243 |       |      |
| C 7109               | CHIP CAP.          | 330pF  | 50V   | CH   | GRM40CH331J50PT | K22170247 |       |      |
| C 7110               | CHIP CAP.          | 180pF  | 50V   | CH   | GRM40CH181J50PT | K22170241 |       |      |
| C 7111               | CHIP CAP.          | 0.1uF  | 25V   | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 7112               | TANTALUM CHIP CAP. | 4.7uF  | 6.3V  |      | TEMSVA0J475M-8R | K78080017 |       |      |
| C 7113               | CHIP CAP.          | 0.1uF  | 25V   | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 7114               | CHIP CAP.          | 0.01uF | 50V   | B    | GRM40B103M50PT  | K22170817 |       |      |
| C 7115               | CHIP CAP.          | 47pF   | 50V   | CH   | GRM40CH470J50PT | K22170227 |       |      |
| C 7116               | CHIP CAP.          | 0.1uF  | 25V   | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 7117               | CHIP CAP.          | 0.1uF  | 25V   | B    | GRM40B104M25PT  | K22140811 |       |      |
| C 7118               | CHIP CAP.          | 0.1uF  | 25V   | B    | GRM40B104M25PT  | K22140811 |       |      |
| J 7101               | CONNECTOR          |        |       |      | 3022-04B        | P0090523  |       |      |
| J 7102               | CONNECTOR          |        |       |      | 3022-05B        | P0090594  |       |      |
| L 7101               | M. RFC             | 82uH   |       |      | LAP02TA820K     | L1790069  |       |      |
| L 7102               | M. RFC             | 56uH   |       |      | LAP02TA560K     | L1790067  |       |      |
| L 7103               | M. RFC             | 220uH  |       |      | LAP02TA221K     | L1790074  |       |      |
| L 7104               | M. RFC             | 220uH  |       |      | LAP02TA221K     | L1790074  |       |      |
| Q 7101               | TRANSISTOR         |        |       |      | 2SC2712GR TE85R | G3327127G |       |      |
| Q 7102               | IC                 |        |       |      | TC23SC030AF-501 | G1090970  |       |      |
| Q 7103               | TRANSISTOR         |        |       |      | 2SC2712GR TE85R | G3327127G |       |      |
| R 7101               | CHIP RES.          | 22K    | 1/10W |      | RMC1/10T 223J   | J24205223 |       |      |
| R 7102               | CHIP RES.          | 470    | 1/10W |      | RMC1/10T 471J   | J24205471 |       |      |
| R 7103               | CHIP RES.          | 10K    | 1/10W |      | RMC1/10T 103J   | J24205103 |       |      |
| R 7104               | CHIP RES.          | 22K    | 1/10W |      | RMC1/10T 223J   | J24205223 |       |      |
| R 7105               | CHIP RES.          | 100    | 1/10W |      | RMC1/10T 101J   | J24205101 |       |      |
| R 7106               | CHIP RES.          | 1K     | 1/10W |      | RMC1/10T 102J   | J24205102 |       |      |
| R 7107               | CHIP RES.          | 100K   | 1/10W |      | RMC1/10T 104J   | J24205104 |       |      |
| RB7101               | BLOCK RES.         |        |       |      | EXB-LD10103GC   | J40900171 |       |      |

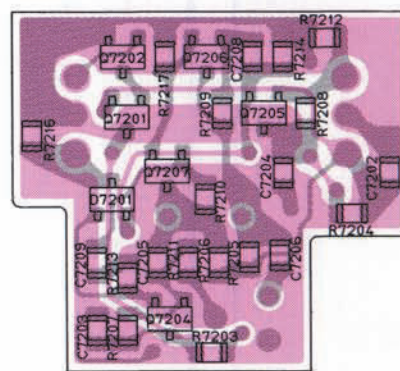




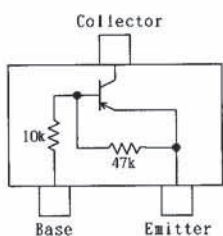
# Notch Unit



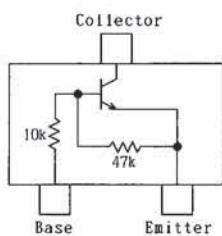
"component" side



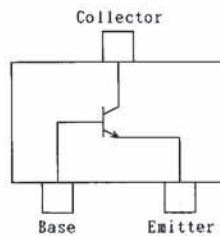
"chip-only" side



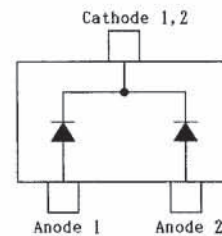
FN1A4P (M34)  
(Q7201)



FA1A4P (L34)  
(Q7202)



2SC2619 (FB)  
(Q7204, Q7205, Q7206)  
7207



1SS184 (B3)  
(D7201)

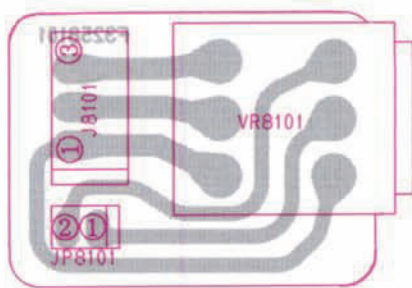
# Notch Unit

| REF.               | DESCRIPTION   | VALUE    | WV    | TOL. | MFGR'S DESIG   | YAESU P/N | VERS. | Addr |
|--------------------|---------------|----------|-------|------|----------------|-----------|-------|------|
| *** NOTCH UNIT *** |               |          |       |      |                |           |       |      |
|                    | PCB W COMP.   |          |       |      |                | CA0445001 |       |      |
|                    | PCB W/O COMP. |          |       |      |                | F3253101  |       |      |
| C 7202             | CHIP CAP.     | 0.01uF   | 50V   | B    | GRM40B103M50PT | K22170817 |       |      |
| C 7203             | CHIP CAP.     | 0.01uF   | 50V   | B    | GRM40B103M50PT | K22170817 |       |      |
| C 7204             | CHIP CAP.     | 0.01uF   | 50V   | B    | GRM40B103M50PT | K22170817 |       |      |
| C 7205             | CHIP CAP.     | 0.01uF   | 50V   | B    | GRM40B103M50PT | K22170817 |       |      |
| C 7206             | CHIP CAP.     | 0.01uF   | 50V   | B    | GRM40B103M50PT | K22170817 |       |      |
| C 7208             | CHIP CAP.     | 0.01uF   | 50V   | B    | GRM40B103M50PT | K22170817 |       |      |
| C 7209             | CHIP CAP.     | 0.01uF   | 50V   | B    | GRM40B103M50PT | K22170817 |       |      |
| D 7201             | DIODE         |          |       |      | 1SS184 TE85R   | G2070009  |       |      |
| JP7201             | CONNECTOR     |          |       |      | 3022-03A       | P0090352  |       |      |
| JP7202             | CONNECTOR     |          |       |      | 3022-03A       | P0090352  |       |      |
| Q 7201             | TRANSISTOR    |          |       |      | FN1A4P-T2B     | G3070011  |       |      |
| Q 7202             | TRANSISTOR    |          |       |      | FA1A4P-T2B     | G3070006  |       |      |
| Q 7204             | TRANSISTOR    |          |       |      | 2SC2619FBTR    | G3326197B |       |      |
| Q 7205             | TRANSISTOR    |          |       |      | 2SC2619FBTR    | G3326197B |       |      |
| Q 7206             | TRANSISTOR    |          |       |      | 2SC2619FBTR    | G3326197B |       |      |
| Q 7207             | TRANSISTOR    |          |       |      | 2SC2619FBTR    | G3326197B |       |      |
| R 7203             | CHIP RES.     | 100      | 1/10W |      | RMC1/10T 101J  | J24205101 |       |      |
| R 7204             | CHIP RES.     | 100      | 1/10W |      | RMC1/10T 101J  | J24205101 |       |      |
| R 7205             | CHIP RES.     | 1K       | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 7206             | CHIP RES.     | 1K       | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 7207             | CHIP RES.     | 47K      | 1/10W |      | RMC1/10T 473J  | J24205473 |       |      |
| R 7208             | CHIP RES.     | 10K      | 1/10W |      | RMC1/10T 103J  | J24205103 |       |      |
| R 7209             | CHIP RES.     | 220K     | 1/10W |      | RMC1/10T 224J  | J24205224 |       |      |
| R 7210             | CHIP RES.     | 220K     | 1/10W |      | RMC1/10T 224J  | J24205224 |       |      |
| R 7211             | CHIP RES.     | 100K     | 1/10W |      | RMC1/10T 104J  | J24205104 |       |      |
| R 7212             | CHIP RES.     | 6.8K     | 1/10W |      | RMC1/10T 682J  | J24205682 |       |      |
| R 7213             | CHIP RES.     | 3.3K     | 1/10W |      | RMC1/10T 332J  | J24205332 |       |      |
| R 7214             | CHIP RES.     | 1K       | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 7216             | CHIP RES.     | 1K       | 1/10W |      | RMC1/10T 102J  | J24205102 |       |      |
| R 7217             | CHIP RES.     | 2.2K     | 1/10W |      | RMC1/10T 222J  | J24205222 |       |      |
| VR7201             | POT.          | 1KB      |       |      | H0651A007-1KB  | J51745102 |       |      |
| X 7201             | XTAL          | 8.215MHZ |       |      |                | H0102968  |       |      |

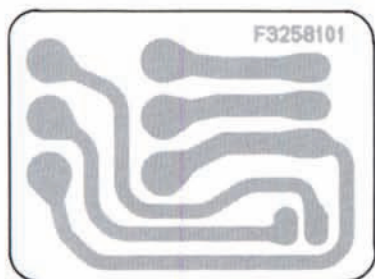


Notes\_\_\_\_\_

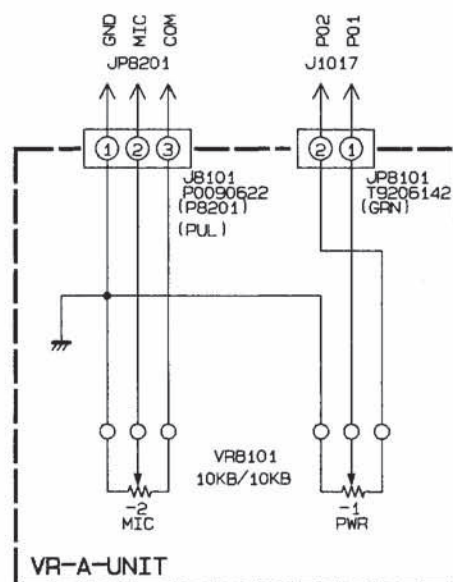
# Potentiometer (VR) A,B Unit Clarifier (CLAR) Unit



"component" side



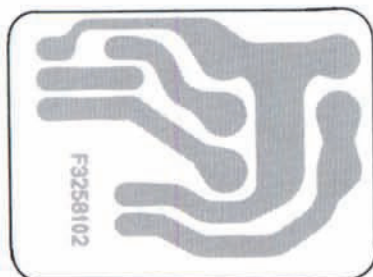
"solder" side



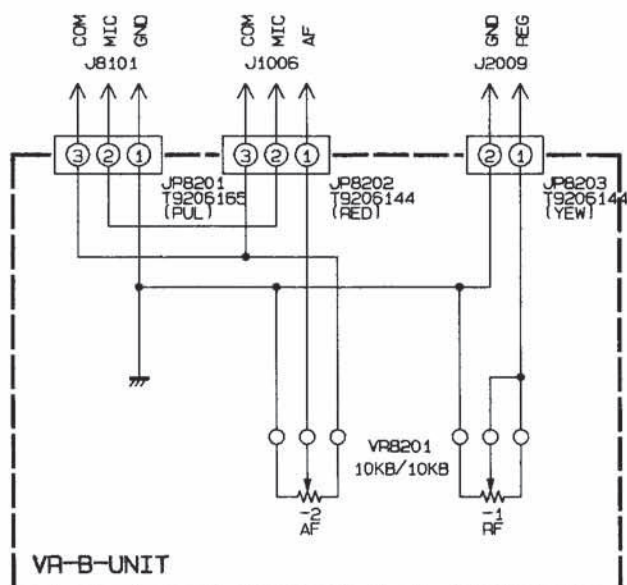
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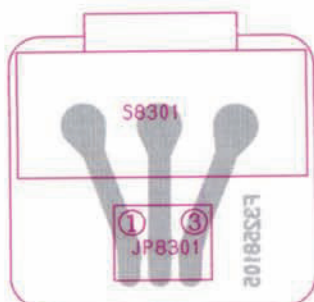
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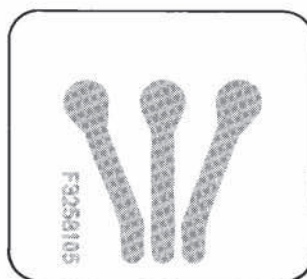
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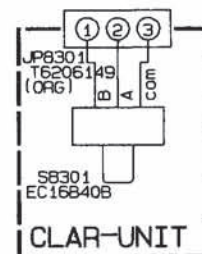
F3258102



"component" side



"solder" side



F3258105



# Potentiometer (VR) A,B Unit Clarifier (CLAR) Unit

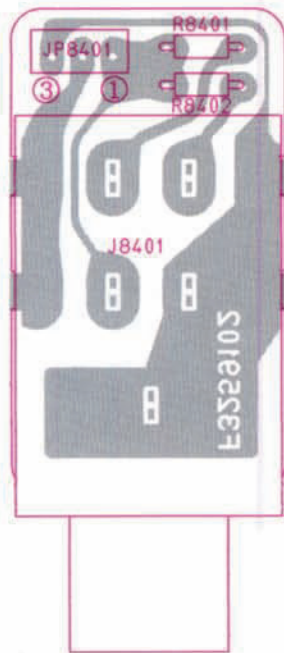
| REF.              | DESCRIPTION   | VALUE     | WV | TOL. | MFGR'S DESIG | YAESU P/N | VERS. | Addr |
|-------------------|---------------|-----------|----|------|--------------|-----------|-------|------|
| *** VR-A UNIT *** |               |           |    |      |              |           |       |      |
|                   | PCB W COMP.   |           |    |      |              | CA0606001 |       |      |
|                   | PCB W/O COMP. |           |    |      |              | F3258101  |       |      |
| J 8101            | CONNECTOR     |           |    |      | SC25-03WS    | P0090622  |       |      |
| JP8101            | WIRE-ASSY     |           |    |      |              | T9206142  |       |      |
| VR8101            | POT.          | 10KB/10KB |    |      | RK1242210    | J62800115 |       |      |

| REF.              | DESCRIPTION   | VALUE     | WV | TOL. | MFGR'S DESIG | YAESU P/N | VERS. | Addr |
|-------------------|---------------|-----------|----|------|--------------|-----------|-------|------|
| *** VR-B UNIT *** |               |           |    |      |              |           |       |      |
|                   | PCB W COMP.   |           |    |      |              | CA0602001 |       |      |
|                   | PCB W/O COMP. |           |    |      |              | F3258102  |       |      |
| JP8201            | WIRE-ASSY     |           |    |      |              | T9206165  |       |      |
| JP8202            | WIRE-ASSY     |           |    |      |              | T9206144  |       |      |
| JP8203            | WIRE-ASSY     |           |    |      |              | T9206143  |       |      |
| VR8201            | POT.          | 10KB/10KC |    |      | RK1242210    | J62800114 |       |      |

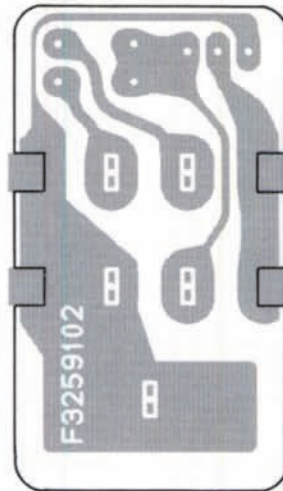
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|-------------------|------------------|-------|----|------|--------------|-----------|-------|------|
| *** CLAR UNIT *** |                  |       |    |      |              |           |       |      |
|                   | PCB W COMP.      |       |    |      |              | CA0605001 |       |      |
|                   | PCB W/O COMP.    |       |    |      |              | F3258105  |       |      |
| JP8301            | WIRE-ASSY        |       |    |      |              | T9206149  |       |      |
| S 8301            | ROTARY CODE S.W. |       |    |      | EC16B40B     | Q9000525  |       |      |

Notes\_\_\_\_\_

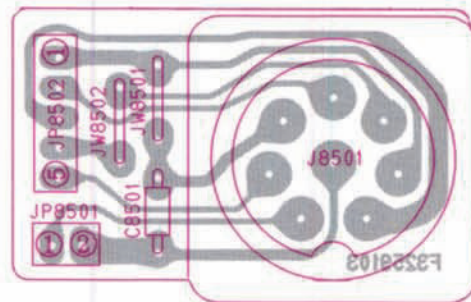
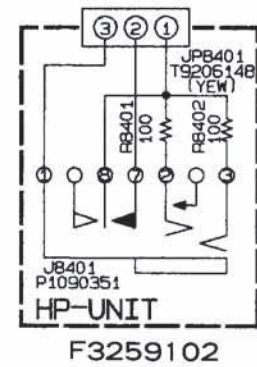
Headphone (HP) Unit  
Microphone (MIC) Unit  
Potentiometer (VR) C Unit



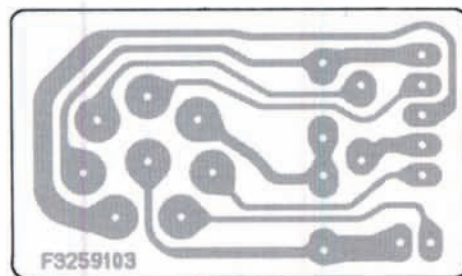
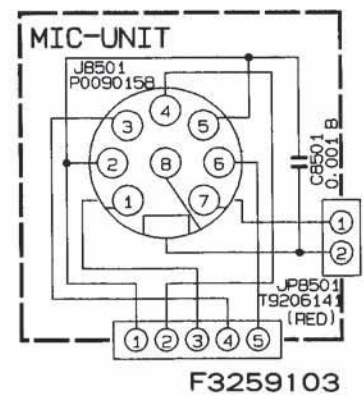
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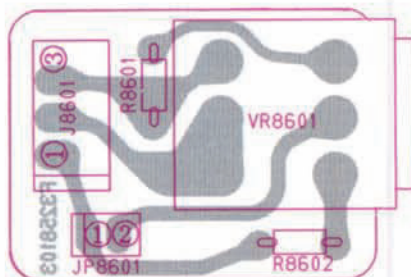
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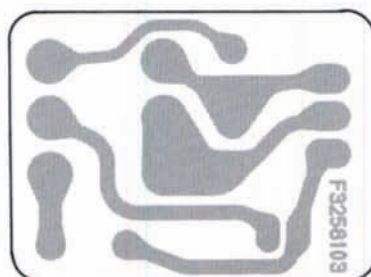
"component" side



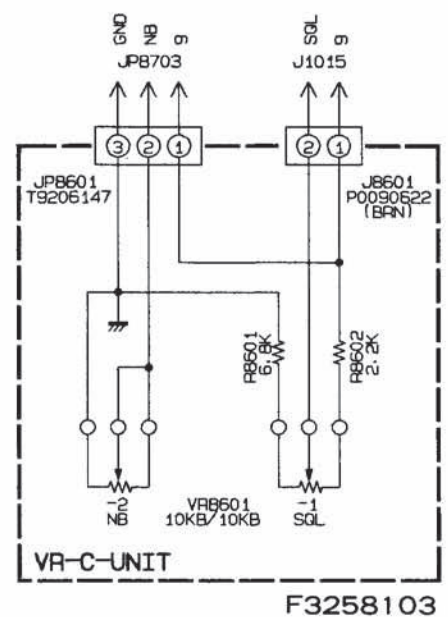
"solder" side



"component" side



"solder" side





Headphone (HP) Unit  
Microphone (MIC) Unit  
Potentiometer (VR) C Unit

| REF.            | DESCRIPTION      | VALUE | WV   | TOL. | MFGR'S DESIG | YAESU P/N | VERS. | Addr |
|-----------------|------------------|-------|------|------|--------------|-----------|-------|------|
| *** HP UNIT *** |                  |       |      |      |              |           |       |      |
|                 | PCB W COMP.      |       |      |      |              | CA0607001 |       |      |
|                 | PCB W/O COMP.    |       |      |      |              | F3259102  |       |      |
| J 8401          | CONNECTOR        |       |      |      | S-G4617#03   | P1090351  |       |      |
| JP8401          | WIRE-ASSY        |       |      |      |              | T9206148  |       |      |
| R 8401          | CARBON FILM RES. | 100   | 1/6W |      | RD16TPJ101   | J07225101 |       |      |

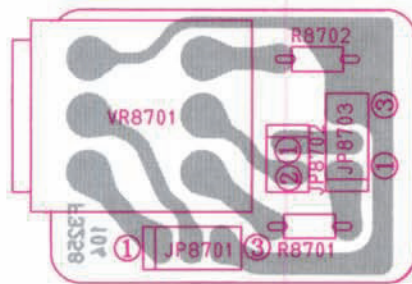
| REF.             | DESCRIPTION   | VALUE   | WV  | TOL. | MFGR'S DESIG   | YAESU P/N | VERS. | Addr |
|------------------|---------------|---------|-----|------|----------------|-----------|-------|------|
| *** MIC UNIT *** |               |         |     |      |                |           |       |      |
|                  | PCB W COMP.   |         |     |      |                | CA0604001 |       |      |
|                  | PCB W/O COMP. |         |     |      |                | F3259103  |       |      |
| C 8501           | CERAMIC CAP.  | 0.001uF | 50V | B    | UP050B102K-A-B | K28179001 |       |      |
| J 8501           | CONNECTOR     |         |     |      | FM214-8SS(A)   | P0090158  |       |      |
| JP8501           | WIRE-ASSY     |         |     |      |                | T9206141  |       |      |

| REF.              | DESCRIPTION      | VALUE     | WV   | TOL. | MFGR'S DESIG | YAESU P/N | VERS. | Addr |
|-------------------|------------------|-----------|------|------|--------------|-----------|-------|------|
| *** VR-C UNIT *** |                  |           |      |      |              |           |       |      |
|                   | PCB W COMP.      |           |      |      |              | CA0734001 |       |      |
|                   | PCB W/O COMP.    |           |      |      |              | F3258103  |       |      |
| J 8601            | CONNECTOR        |           |      |      | SC25-03WS    | P0090622  |       |      |
| JP8601            | WIRE-ASSY        |           |      |      |              | T9206147  |       |      |
| R 8601            | CARBON FILM RES. | 6.8K      | 1/6W |      | RD16PJ682    | J01225682 |       |      |
| R 8602            | CARBON FILM RES. | 2.2K      | 1/6W |      | RD16PJ222    | J01225222 |       |      |
| VR8601            | POT.             | 10KB/10KB |      |      | RK1242210    | J62800115 |       |      |

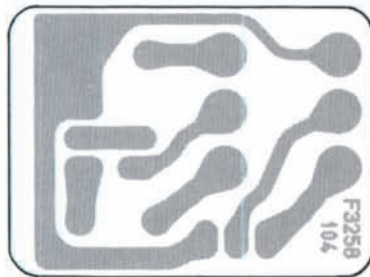
Notes

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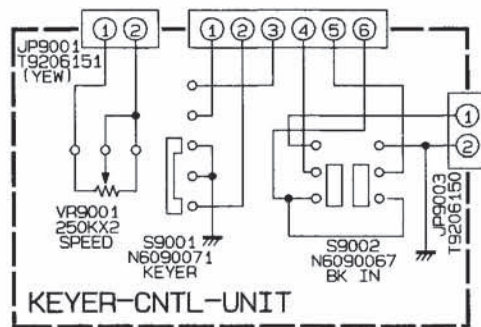
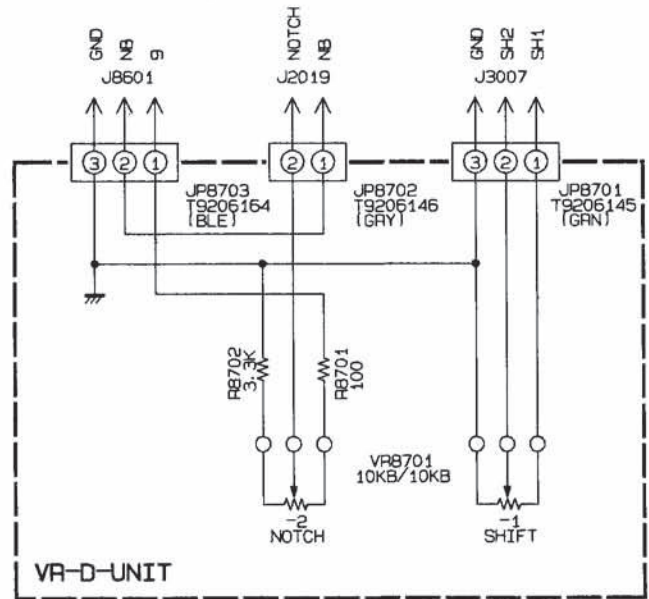
# Potentiometer (VR) D Unit Keyer Control (CNTL) Unit



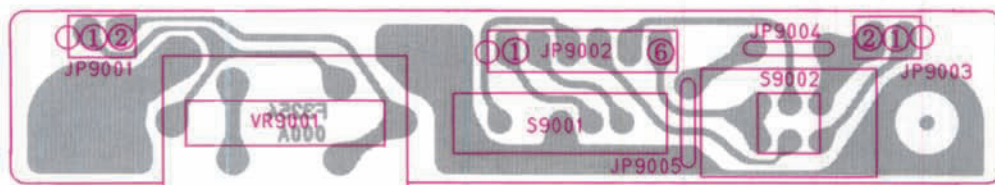
"component" side



"solder" side



F3254000A



"component" side



"solder" side

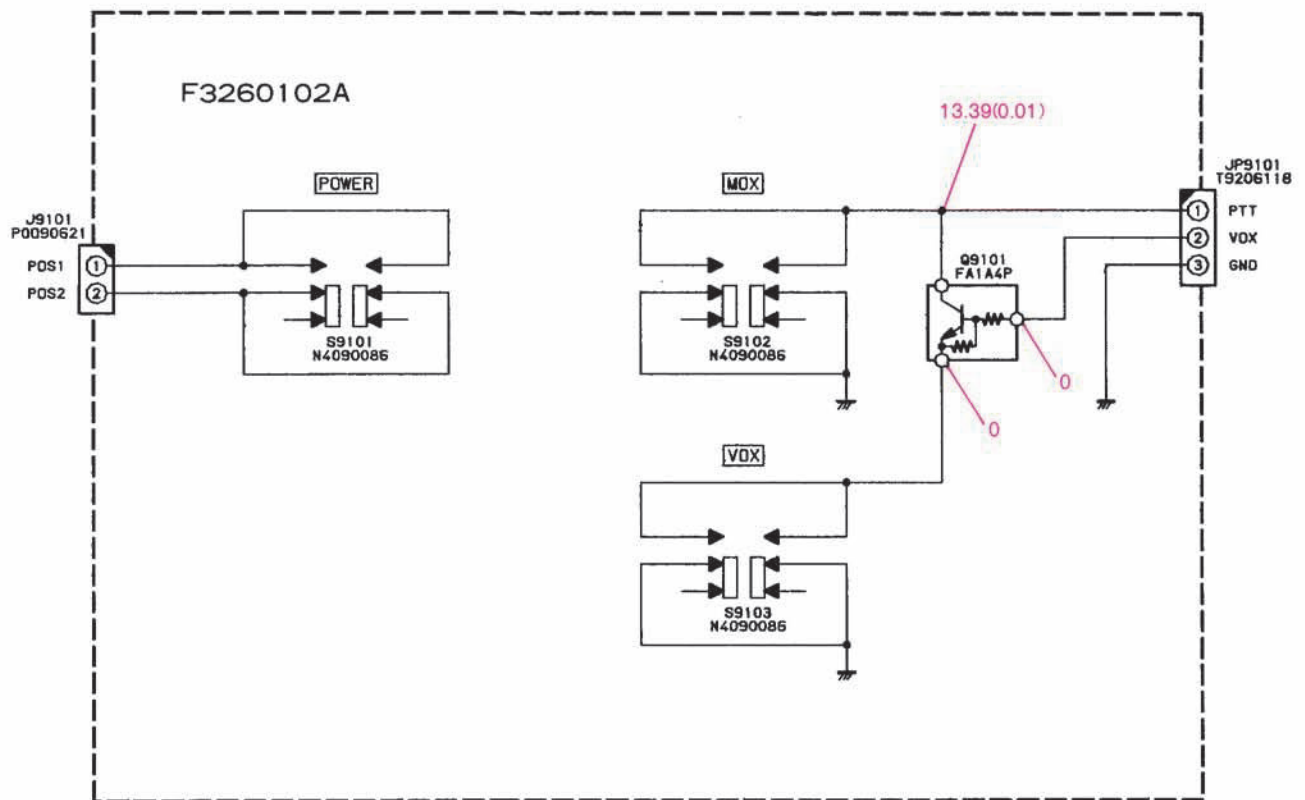


# Potentiometer (VR) D Unit Keyer Control (CNTL) Unit

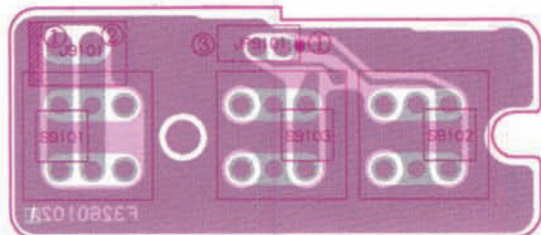
| REF.              | DESCRIPTION      | VALUE     | WV   | TOL. | MFGR'S DESIG | YAESU P/N | VERS. | Addr |
|-------------------|------------------|-----------|------|------|--------------|-----------|-------|------|
| *** VR-D UNIT *** |                  |           |      |      |              |           |       |      |
|                   | PCB W COMP.      |           |      |      |              | CA0735001 |       |      |
|                   | PCB W/O COMP.    |           |      |      |              | F3258104  |       |      |
| JP8701            | WIRE-ASSY        |           |      |      |              | T9206145  |       |      |
| JP8702            | WIRE-ASSY        |           |      |      |              | T9206146  |       |      |
| JP8703            | WIRE-ASSY        |           |      |      |              | T9206164  |       |      |
| R 8701            | CARBON FILM RES. | 100       | 1/6W |      | RD16PJ101    | J01225101 |       |      |
| R 8702            | CARBON FILM RES. | 3.3K      | 1/6W |      | RD16PJ332    | J01225332 |       |      |
| VR8701            | POT.             | 10KB/10KB |      |      | RK1242210    | J62800115 |       |      |

| REF.                    | DESCRIPTION   | VALUE  | WV | TOL. | MFGR'S DESIG | YAESU P/N | VERS. | Addr |
|-------------------------|---------------|--------|----|------|--------------|-----------|-------|------|
| *** KEYER-CNTL UNIT *** |               |        |    |      |              |           |       |      |
|                         | PCB W COMP.   |        |    |      |              | CA0603001 |       |      |
|                         | PCB W/O COMP. |        |    |      |              | F3254000A |       |      |
| JP9001                  | WIRE-ASSY     |        |    |      |              | T9206151  |       |      |
| JP9003                  | WIRE-ASSY     |        |    |      |              | T9206150  |       |      |
| S 9001                  | SLIDE SWITCH  |        |    |      | SSSS91       | N6090071  |       |      |
| S 9002                  | SLIDE SWITCH  |        |    |      | SS922148     | N6090067  |       |      |
| VR9001                  | POT.          | 250KX2 |    |      | S1021G901    | J64800002 |       |      |

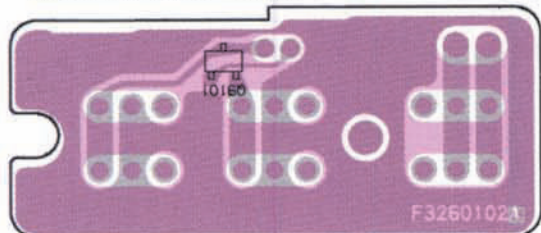
# Switch (SW) A Unit



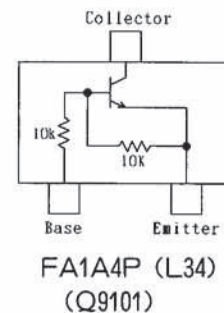
Receive (Transmit) DC Voltage



"component" side



"chip-only" side

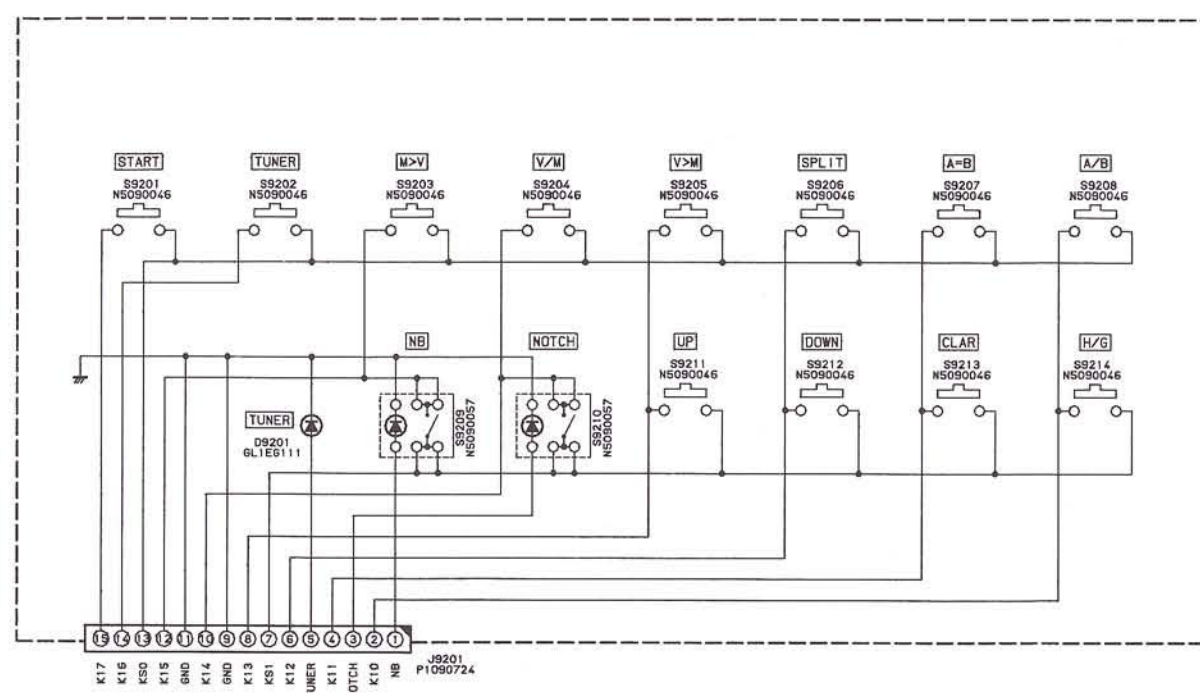


FA1A4P (L34)  
(Q9101)

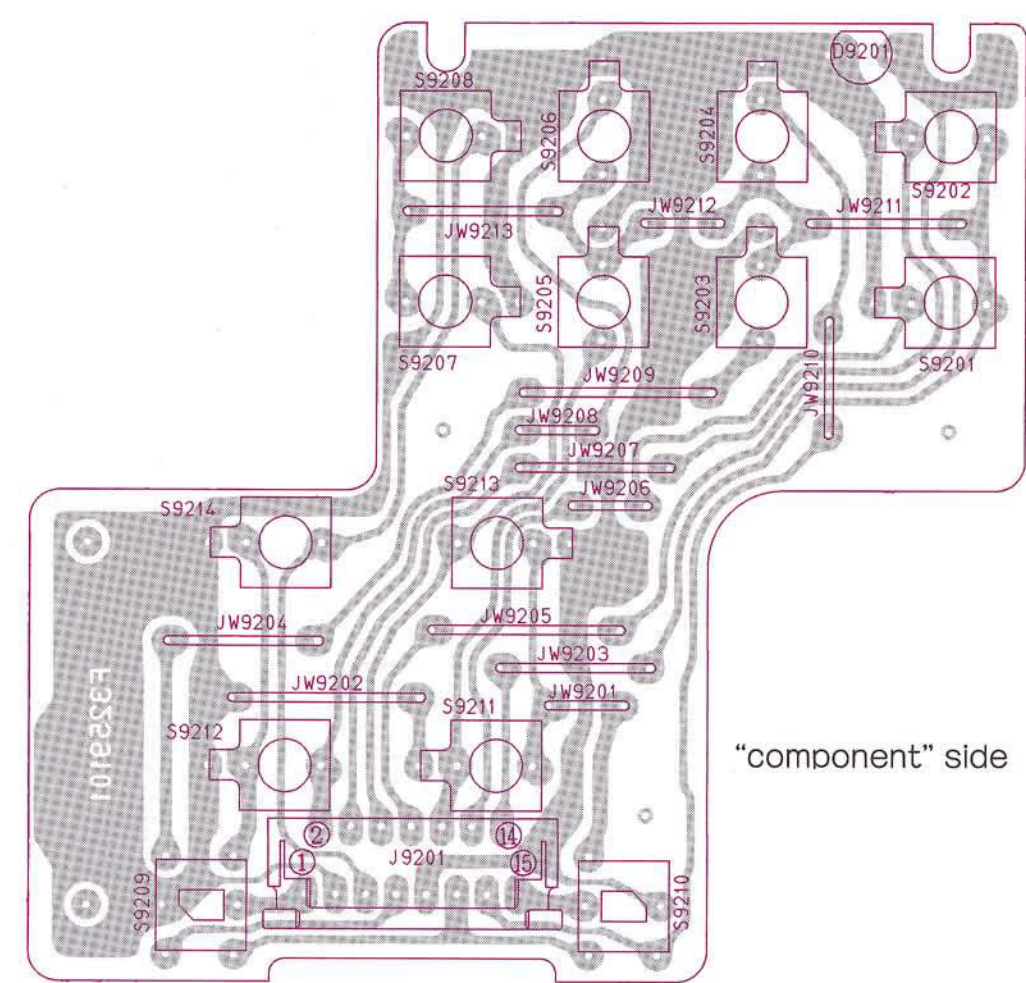
| REF.              | DESCRIPTION   | VALUE | WV | TOL. | MFGR'S DESIG | YAESU P/N | VERS. | Addr |
|-------------------|---------------|-------|----|------|--------------|-----------|-------|------|
| *** SW-A UNIT *** |               |       |    |      |              |           |       |      |
|                   | PCB W COMP.   |       |    |      |              | CA0736001 |       |      |
|                   | PCB W/O COMP. |       |    |      |              | F3260102A |       |      |
| J 9101            | CONNECTOR     |       |    |      | SC25-02WS    | P0090621  |       |      |
| JP9101            | WIRE-ASSY     |       |    |      |              | T9206118  |       |      |
| Q 9101            | TRANSISTOR    |       |    |      | FA1A4P-T2B   | G3070006  |       |      |
| S 9101            | PUSH SWITCH   |       |    |      | SPH121A94    | N4090086  |       |      |
| S 9102            | PUSH SWITCH   |       |    |      | SPH121A94    | N4090086  |       |      |
| S 9103            | PUSH SWITCH   |       |    |      | SPH121A94    | N4090086  |       |      |



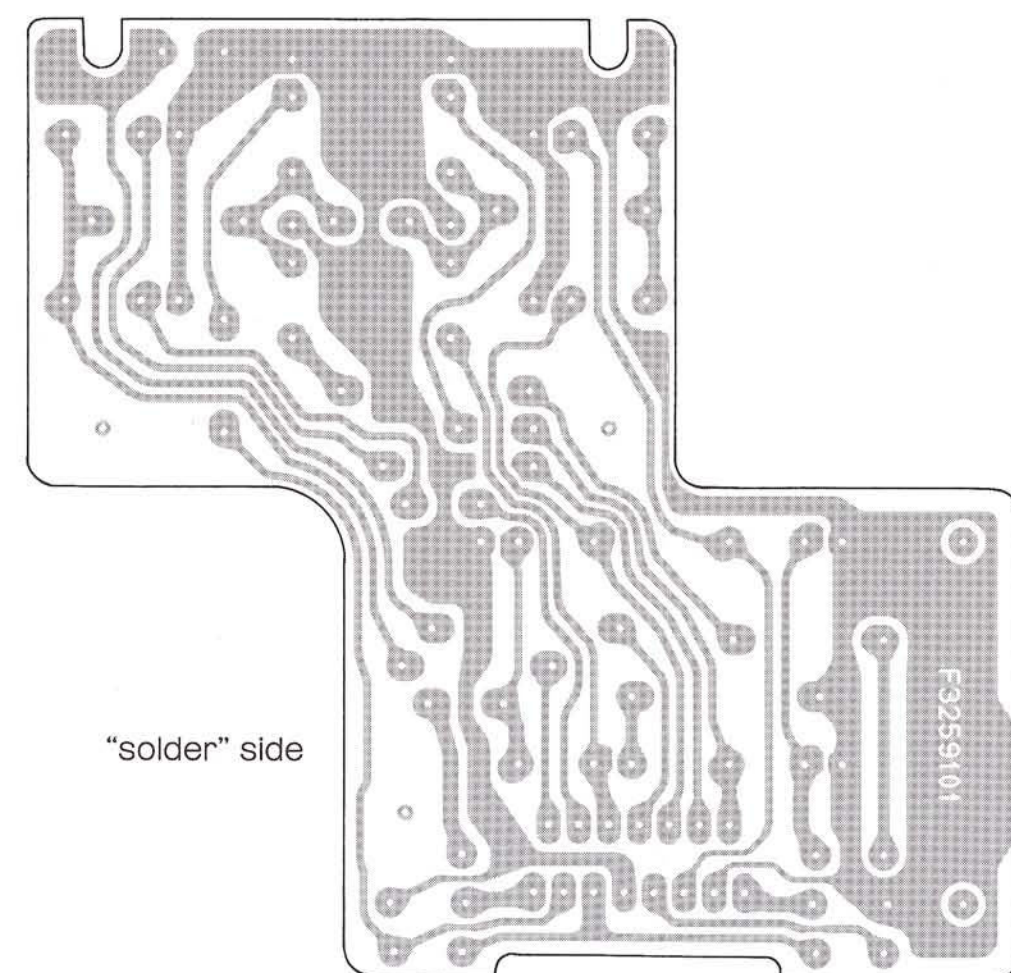
# Switch (SW) B Unit



| REF.              | DESCRIPTION   | VALUE | WV | TOL. | MFGR'S DESIG       | YAESU P/N | VERS. | Addr |
|-------------------|---------------|-------|----|------|--------------------|-----------|-------|------|
| *** SW-B UNIT *** |               |       |    |      |                    |           |       |      |
|                   | PCB W COMP.   |       |    |      |                    | CA0737001 |       |      |
|                   | PCB W/O COMP. |       |    |      |                    | F3259101  |       |      |
| D 9201            | LED           |       |    |      | GL1EG111           | G2090474  |       |      |
| J 9201            | CONNECTOR     |       |    |      | 52089-1510         | P1090724  |       |      |
| S 9201            | TACT SWITCH   |       |    |      | EVQ-333 H=5.0 TAPE | N5090046  |       |      |
| S 9202            | TACT SWITCH   |       |    |      | EVQ-333 H=5.0 TAPE | N5090046  |       |      |
| S 9203            | TACT SWITCH   |       |    |      | EVQ-333 H=5.0 TAPE | N5090046  |       |      |
| S 9204            | TACT SWITCH   |       |    |      | EVQ-333 H=5.0 TAPE | N5090046  |       |      |
| S 9205            | TACT SWITCH   |       |    |      | EVQ-333 H=5.0 TAPE | N5090046  |       |      |
| S 9206            | TACT SWITCH   |       |    |      | EVQ-333 H=5.0 TAPE | N5090046  |       |      |
| S 9207            | TACT SWITCH   |       |    |      | EVQ-333 H=5.0 TAPE | N5090046  |       |      |
| S 9208            | TACT SWITCH   |       |    |      | EVQ-333 H=5.0 TAPE | N5090046  |       |      |
| S 9209            | TACT SWITCH   |       |    |      | SKHQFE             | N5090057  |       |      |
| S 9210            | TACT SWITCH   |       |    |      | SKHQFE             | N5090057  |       |      |
| S 9211            | TACT SWITCH   |       |    |      | EVQ-333 H=5.0 TAPE | N5090046  |       |      |
| S 9212            | TACT SWITCH   |       |    |      | EVQ-333 H=5.0 TAPE | N5090046  |       |      |
| S 9213            | TACT SWITCH   |       |    |      | EVQ-333 H=5.0 TAPE | N5090046  |       |      |
| S 9214            | TACT SWITCH   |       |    |      | EVQ-333 H=5.0 TAPE | N5090046  |       |      |



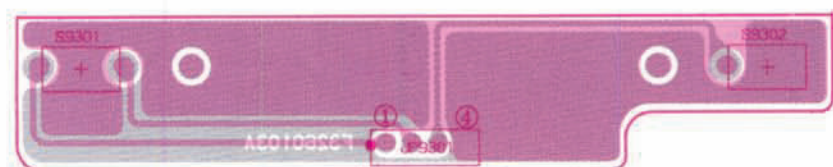
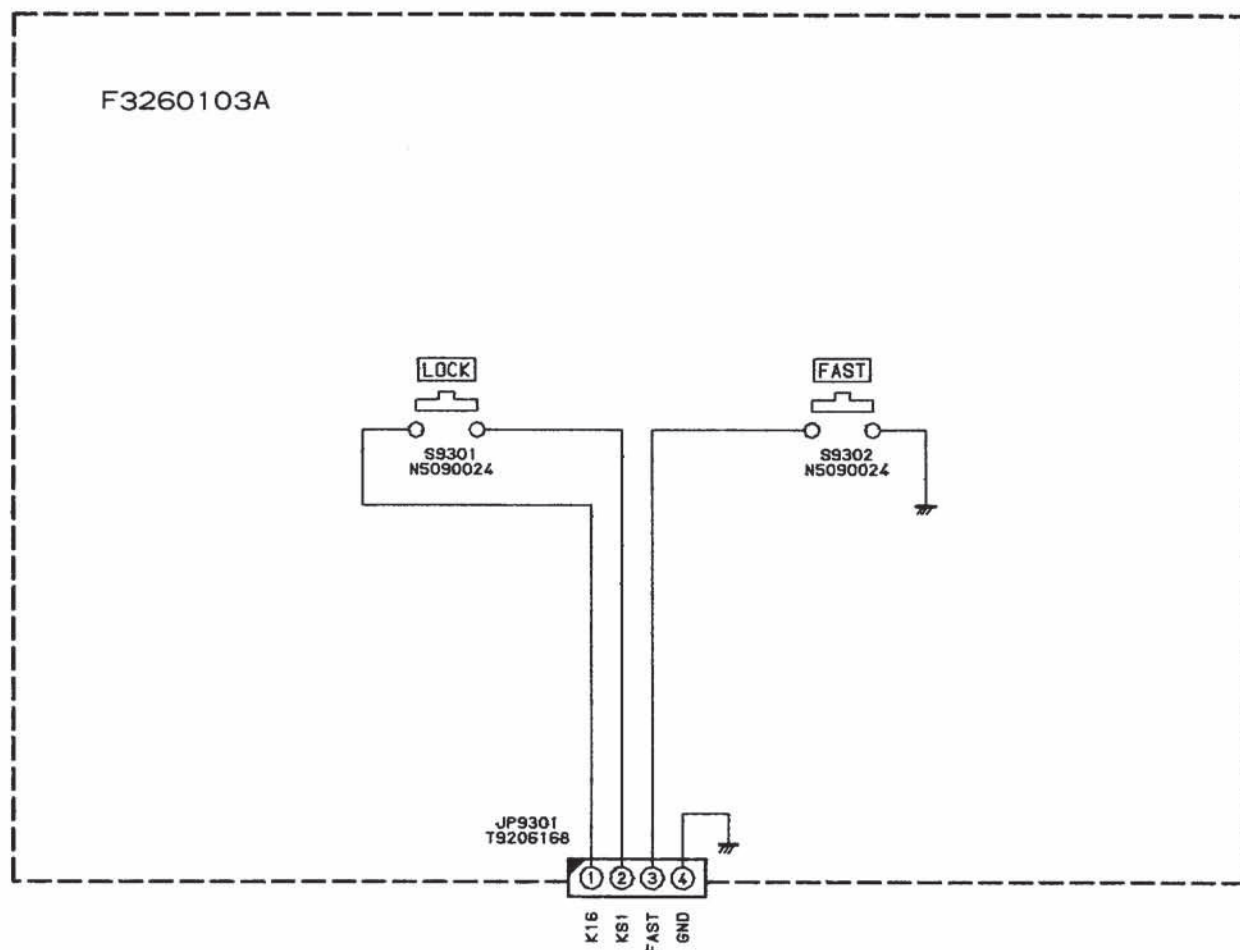
"component" side



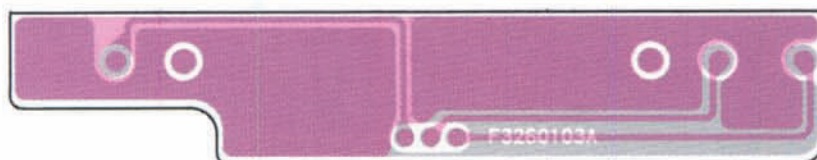
"solder" side



# Switch (SW) C Unit



"component" side

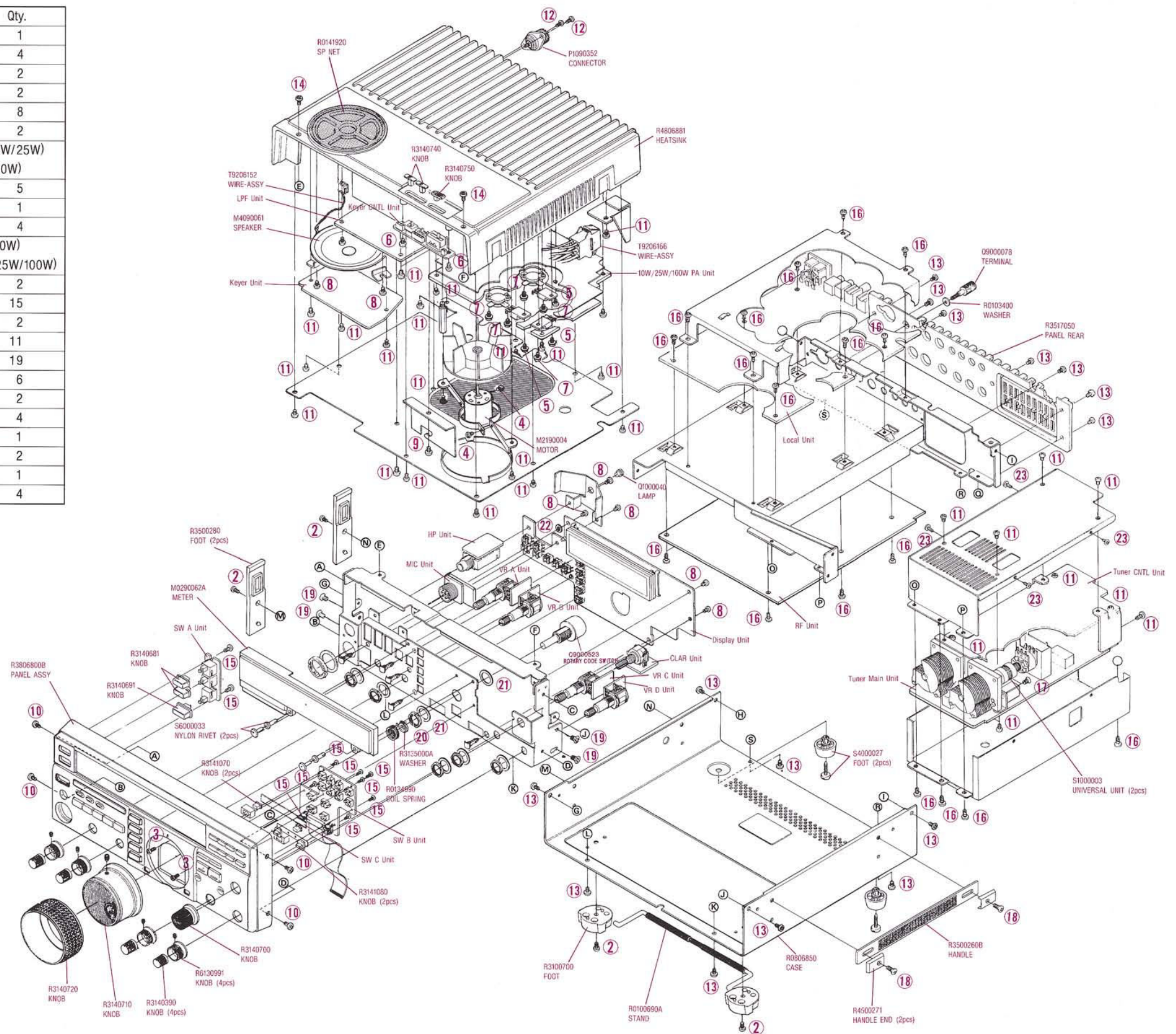


"solder" side

| REF.              | DESCRIPTION   | VALUE | WV | TOL. | MFGR'S DESIG | YAESU P/N | VERS. | Addr |
|-------------------|---------------|-------|----|------|--------------|-----------|-------|------|
| *** SW-C UNIT *** |               |       |    |      |              |           |       |      |
|                   | PCB W COMP.   |       |    |      |              | CA0808001 |       |      |
|                   | PCB W/O COMP. |       |    |      |              | F3260103A |       |      |
| JP9301            | WIRE-ASSY     |       |    |      |              | T9206168  |       |      |
| S 9301            | TACT SWITCH   |       |    |      | SKHLAA       | N5090024  |       |      |
| S 9302            | TACT SWITCH   |       |    |      | SKHLAA       | N5090024  |       |      |



| REF. | YAESU P/N | Description            | Qty.                      |
|------|-----------|------------------------|---------------------------|
| 1    | U00306007 | PAN HEAD M3×6B         | 1                         |
| 2    | U00405007 | PAN HEAD M4×5B         | 4                         |
| 3    | U00310001 | PAN HEAD M3×10         | 2                         |
| 4    | U02306001 | SEMS SM3×6             | 2                         |
| 5    | U03306001 | SEMS ASM3×6            | 8                         |
| 6    | U04206001 | SEMS HSM2. 6×6         | 2                         |
| 7    | U03308001 | SEMS ASM3×8            | 1 (10W/25W)<br>5 (100W)   |
| 8    | U20205001 | BINDING HEAD M2. 6×5   | 5                         |
| 9    | U20304001 | BINDING HEAD M3×4      | 1                         |
| 10   | U20304007 | BINDING HEAD M3×4B     | 4                         |
| 11   | U20306001 | BINDING HEAD M3×6      | 34 (10W)<br>36 (25W/100W) |
| 12   | U20306002 | BINDING HEAD M3×6NI    | 2                         |
| 13   | U20306007 | BINDING HEAD M3×6B     | 15                        |
| 14   | U22306007 | SEMS HM3×6B            | 2                         |
| 15   | U23105001 | TAPTITE M2×5           | 11                        |
| 16   | U24305001 | TAPTITE M3×5           | 19                        |
| 17   | U31306001 | OVAL HEAD M3×6         | 6                         |
| 18   | U31410007 | OVAL HEAD M4×10B       | 2                         |
| 19   | U46308201 | TAPPING 3×8            | 4                         |
| 20   | U62012001 | VOLUME NUT 12×14×2(P1) | 1                         |
| 21   | U70012001 | PLAIN WASHER FW12      | 2                         |
| 22   | U70002001 | PLAIN WASHER FW2. 6    | 1                         |
| 23   | S5000102  | TAPTITE M2×4           | 4                         |



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