YAESU
The radio

TECHNICAL SUPPLEMENT

C4FM/FM 144/430 MHz
Dual Band Digital Transceiver

FT3DR/FT3DE

EH072M90B

Introduction

This manual provides the technical information necessary for servicing the FT3DR/FT3DE 144/430 MHz Dual Band Digital Transceiver.

Servicing this equipment requires expertise in handing surface-mount chip components. Attempts by non-qualified persons to service this equipment may result in permanent damage not covered by the warranty, and may be illegal in some countries.

While we believe the information in this manual to be 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.

Caution

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Important Note

This transceiver was assembled using Pb (lead) free solder, based on the RoHS specification.

Only lead-free solder (Alloy Composition: Sn-3.0Ag-0.5Cu) should be used for repairs performed on this apparatus. The solder stated above utilizes the alloy composition required for compliance with the lead-free specification, and any solder with the above alloy composition may be used.

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General

Frequency Range:

A Band RX
0.5 - 999.995 MHz
B Band RX
108 - 580 MHz
TX
144 - 148 MHz
430 - 440 MHz

Channel Spacing:	5, 6.25, 8.33, 9, 10, 12.5, 15, 20, 25, 50, 100 kHz (8.33 kHz: only for Air Band, 9 kHz: only for AM Radio)
Frequency Stability:	±2.5 ppm (–20 °C to +60 °C)
Emission Type:	F1D, F2D, F3E, F7W
Supply Voltage:	Nominal: 7.2 V DC, Negative Ground SBR-14LI Nominal: 7.4 V DC, Negative Ground FNB-101LI Operating: 4 - 14 V, Negative Ground (Battery Connect) 11 - 16 V, Negative Ground (EXT DC JACK, Charging)
Current Consumption:	140 mA (Mono band Receive) 180 mA (Dual band Receive) 86 mA (Mono band Receive, Standby) 120 mA (Dual band Receive, Standby) 67 mA (Mono band Receive, Standby, Saver On “Save Ratio 1:10”) 67 mA (Dual band Receive, Standby, Saver On “Save Ratio 1:10”) +18 mA (GPS On) +6 mA (Digital) 120 mA (AM/FM Radio) 900 μA (Auto Power Off) 1.6 A (5 W TX, 144 MHz 7.4 V DC) 1.9 A (5 W TX, 430 MHz 7.4 V DC)
Operating Temperature:	–20 °C to +60 °C
Case Size (W x H x D):	62 x 100 x 32.5 mm (with SBR-14LI, w/o knob, antenna and belt clip)
Weight:	282 g (with SBR-14LI and Antenna)

Transmitter

RF Power Output:	5 W (@ 13.8 V or SBR-14LI) (MID3: 2.5 W/LOW2: 1.0 W/LOW1: 0.3 W) 0.9 W (FBA-39) (LOW1: 0.3 W)
Modulation Type:	F1D, F2D, F3E : Variable Reactance modulation F7W: 4 FSK (C4FM)
Spurious Emission:	USA/EXP version At least 60 dB below (@TX Power HI, LOW3) At least 50 dB below (@TX Power LOW2, LOW1)

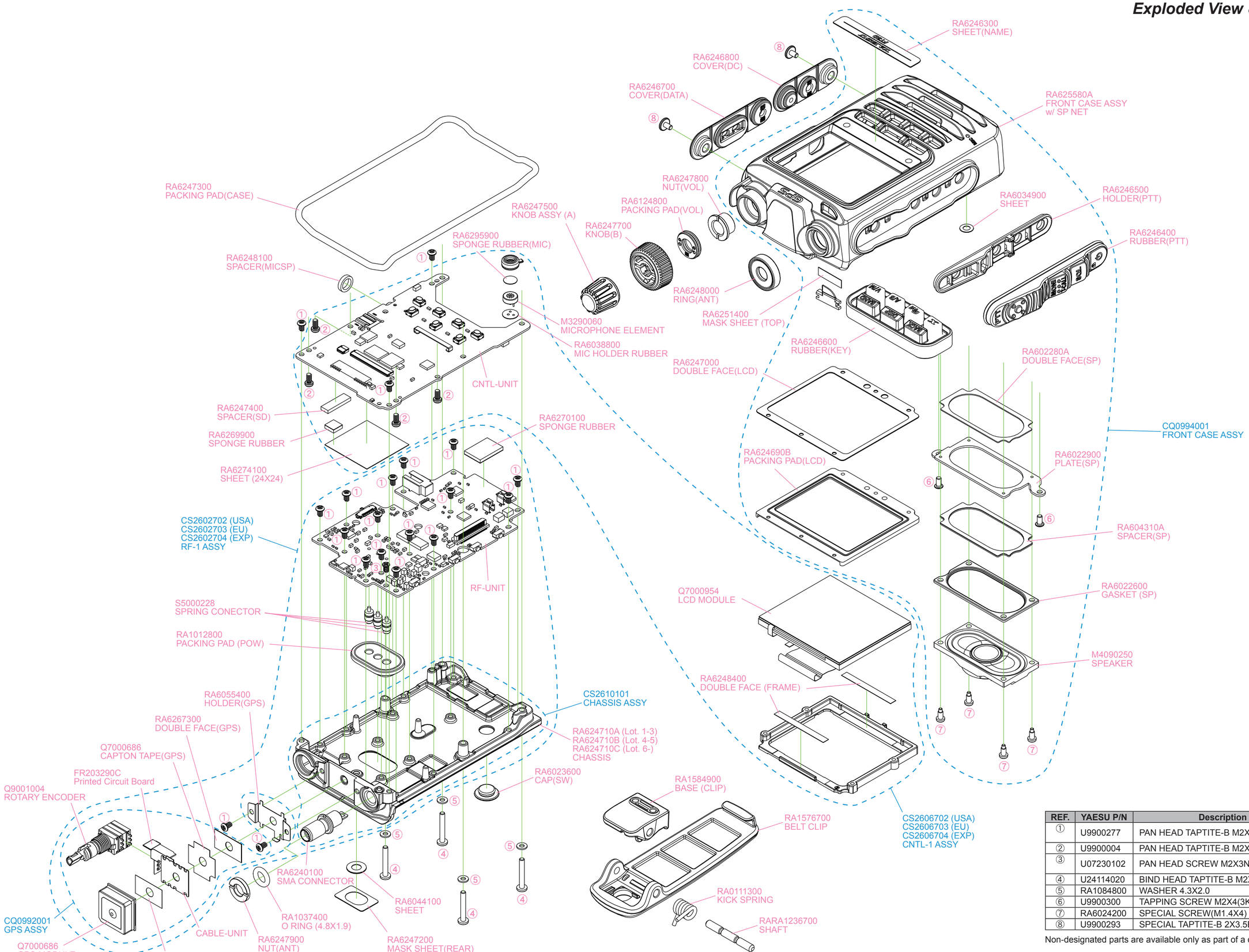
Receiver

Circuit Type:	Double-Conversion Super heterodyne (FM, AM) Direct-Conversion (AM/FM Radio)
Intermodiate Frequencies:	1 st: A-Band 58.05 MHz 1 st: B-Band 57.15 MHz 2 nd: A-Band, B-Band 450 kHz
Sensitivity:	3 μV for 10 dB SN (0.5 - 30 MHz, @AM)* 0.35 μV TYP for 12 dB SINAD (30 - 54 MHz, @NFM)* 1 μV TYP for 12 dB SINAD (54 - 76 MHz, @NFM)* 1.5 μV TYP for 12 dB SINAD (76 - 108 MHz, @WFM)* 1.5 μV TYP for 10 dB SN (108 - 137 MHz, @AM) 0.2 μV for 12 dB SINAD (137 - 140 MHz, @NFM) 0.16 μV for 12 dB SINAD (140 - 150 MHz, @NFM) 0.2 μV for 12 dB SINAD (150 - 174 MHz, @NFM) 1 μV for 12 dB SINAD (174 - 222 MHz, @NFM) 0.5 μV for 12 dB SINAD (222 - 225 MHz, @NFM) 0.5 μV for 12 dB SINAD (300 - 350 MHz, @NFM) 0.2 μV for 12 dB SINAD (350 - 400 MHz, @NFM) 0.18 μV for 12 dB SINAD (400 - 470 MHz, @NFM) 1.5 μV for 12 dB SINAD (470 - 580 MHz, @NFM) 3 μV TYP for 12 dB SINAD (580 - 800 MHz, @NFM)* 1.5 μV TYP for 12 dB SINAD (800 - 999.995 MHz, @NFM)* 0.19 μV TYP for BER 1 % (Digital Mode) * A-Band only
Selectivity:	NFM, AM 12 kHz / 35 kHz (–6 dB / –60 dB)
AF Output:	700 mW (16 Ω for 10 % THD 7.4 V) internal speaker 300 mW (8 Ω for 10 % THD 7.4 V) external speaker

Bluetooth

Version:	Version 4.2
Class:	Class 2
Output Power:	2 dBm typ

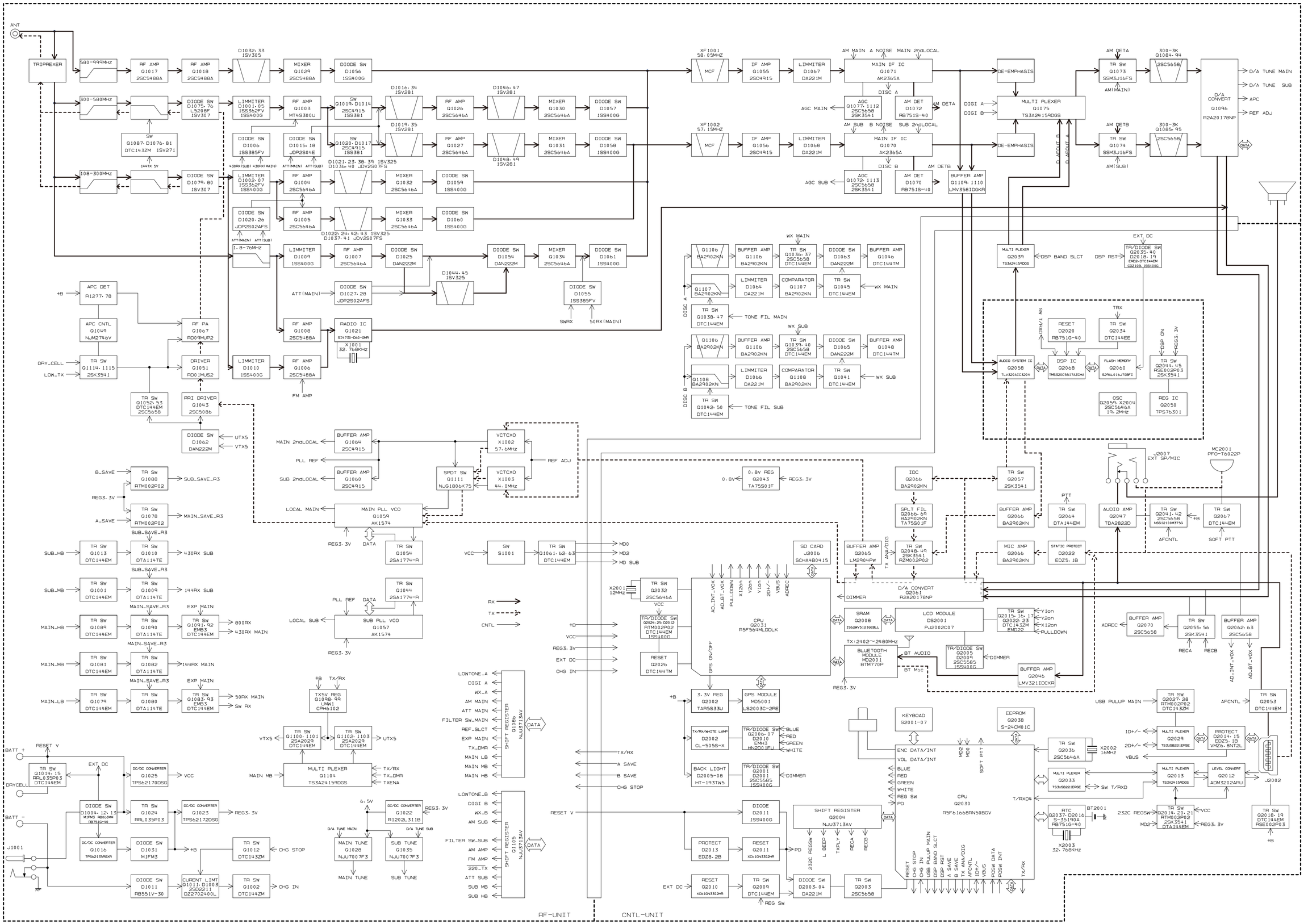
Specifications are subject to change without notice, and are guaranteed within the 144/430 MHz amateur bands only.



EXPLODED VIEW-1

REF.	YAESU P/N	Description	Qty.
①	U9900277	PAN HEAD TAPTITE-B M2X3 #3 3KA	15 (Lot. 1-3) 20 (Lot. 4-)
②	U9900004	PAN HEAD TAPTITE-B M2X4	4
③	U07230102	PAN HEAD SCREW M2X3NI #1	6 (Lot. 1-3) 1 (Lot. 4-)
④	U24114020	BIND HEAD TAPTITE-B M2X14SUS	4
⑤	RA1084800	WASHER 4.3X2.0	4
⑥	U9900300	TAPPING SCREW M2X4(3KA)	2
⑦	RA6024200	SPECIAL SCREW(M1.4X4)	4
⑧	U9900293	SPECIAL TAPTITE-B 2X3.5B(CAP)	2

Non-designated parts are available only as part of a designated assembly.



BLOCK DIAGRAM-1

Introduction and Precautions

The FT3DR/FT3DE has been carefully aligned at the factory for performance across the specified amateur bands. Realignment should therefore not be necessary except in the event of a component failure. All component replacement and service should be performed only by an authorized YAESU representative, or the warranty policy may be voided.

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 are 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, who are experienced with the circuitry and fully equipped for repair and alignment. Therefore, if a fault is suspected, contact the dealer from whom the transceiver was purchased for instructions regarding repair. Authorized YAESU service technicians realign all circuits and make complete performance checks to ensure compliance with factory specifications after replacing any 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.

Important Notice
Do not adjust the alignment menus that are not mentioned in this manual.

Required Test Equipment

- ❒ RF Signal Generator with calibrated output level at 500 MHz
- ❒ Deviation Meter (linear detector)
- ❒ In-line Wattmeter with 5% accuracy at 500 MHz
- ❒ 50-ohm, 10-W RF Dummy Load
- ❒ 8-ohm AF Dummy Load
- ❒ Regulated DC Power Supply adjustable from 8 to 16 V DC, 3 A
- ❒ Frequency Counter: 0.2-ppm accuracy at 500 MHz
- ❒ AF Signal Generator
- ❒ AC Voltmeter
- ❒ DC Voltmeter: high impedance
- ❒ UHF Sampling Coupler
- ❒ SINAD Meter

Alignment Preparation & Precautions

A 10-W RF dummy load and in-line wattmeter must be connected to the main antenna jack in all procedures that call for transmission; alignment is not possible with an antenna. After completing one step, read the next step to see if the same test equipment is required. If not, remove the test equipment (except dummy load and wattmeter, if connected) before proceeding. Correct alignment requires the transceiver and test equipment be maintained at a constant ambient temperature between 68~86 °F (20~30 °C). When the transceiver is brought into the shop from hot or cold air, it should be allowed some time to come to room temperature before alignment. Whenever possible, alignments should be made with oscillator shields and circuit boards firmly affixed in place. Also, the test equipment must be thoroughly warmed up before beginning.

Note: *Signal levels in dB referred to in the alignment procedure are based on 0 dBμ=0.5 μV (closed circuit).*

Internal System Alignment Routine

This uses a programmed routine in the transceiver which simplifies many previously complex discrete component settings and adjustments with digitally-controlled settings via front panel buttons and LCD indications.

1. To begin, set the transceiver to the VFO mode on the "A-Band, FM-mode" and "B-Band, FM-mode" in the "Mono" band mode.
2. Press the [**A/B**] key to set the A-band as the operating band.
3. Press and hold the [**A/B**] key displays only the operating band.
4. Program a password for the Alignment (AH072M) according to the following procedure:
   1) Press and hold the [**DISP**] key for one second to enter the Set mode.
   2) Touch [**DISPLAY**] briefly to enable adjustment of this Set Mode Item.
   3) Rotate the **DIAL** knob to select Set Mode Item 7: OPENING MESSAGE.
   4) Press the [**DISP**] key briefly to enable adjustment of this Set Mode Item.
   5) Rotate the **DIAL** knob to select Set Mode Item MESSAGE.
   6) Press the [**DISP**] key briefly to enable adjustment of this Set Mode Item.
   7) Input the password "AH072M" (toggle the alphabet input screen, and the number input screen when necessary).
   8) When you have completed the password, press the [**DISP**] key briefly, then press the **PTT** switch to exit to normal operation.

Note: *Remember to delete the password "AH072M" from the Set Mode Item 7: OPENING MESSAGE when the alignment adjustments are finished by pressing and holding in the [**GM**] key for two seconds (as in step 8 above).*

5. Press the [**PWR**] switch for one seconds to turn the transceiver "OFF".
6. Press and hold in the [**GM**] key while powering the transceiver "ON" again. The transceiver will enter the adjustment mode, and the display will show the first alignment setting. Thereafter, the frequencies used during alignment will automatically be set without action by the technician.

In the alignment process, each adjustment is selected by rotating the **DIAL** knob. The alignment is performed by: pressing the [**V/M**] key injecting a signal of the required frequency and level; making the adjustment; and then pressing the [**V/M**] key again (the "Data" will disappear from the display), to store the adjustment.

To exit the alignment routine, press the [**GM**] key. After performing the system alignment in its entirety, individual settings can be returned to and adjusted individually, should the need arise.

As each transceiver is individually optimized at the factory, the precise settings for the transceiver on your bench may be slightly different.

PLL Reference Frequency Adjustment (PLL REF)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**PLL REF**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit and rotate the **DIAL** knob so that the frequency counter setting is 440.000 MHz (±100 Hz).
- ❒ Release the **PTT** switch, then press the [**V/M**] button (the "Data" will disappear from the display).

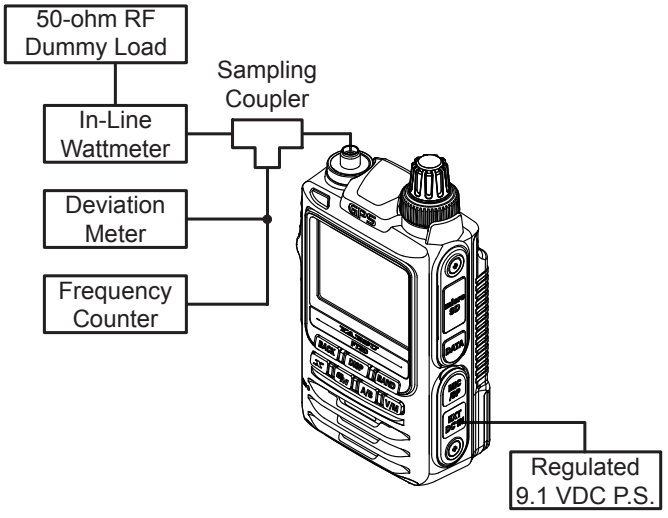


Figure 1: TX Alignment Setup

A-Band 430 MHz Band Adjustment

Receiver Sensitivity Adjustment (TUNE DEV)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**TUNE DEV**".
- ❒ Set the RF Signal Generator output to 435.100 MHz, at a level of -10.0 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Rotate the **DIAL** knob for maximum deflection on the SINAD meter.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

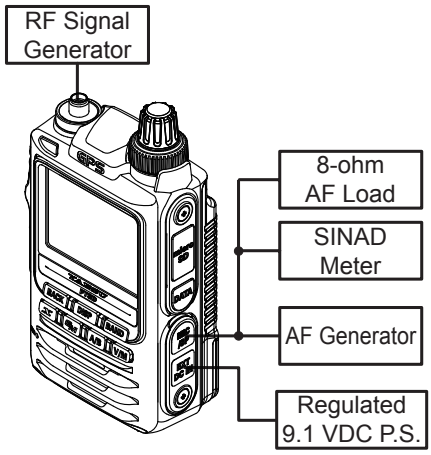


Figure 2: RX Alignment Setup

Squelch Threshold Adjustment (THLD SQL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**THLD SQL**".
- ❒ Set the RF Signal Generator output to 435.100 MHz, at a level of -11 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the Squelch Threshold level
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

Tight Squelch Adjustment (TIGH SQL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**TIGH SQL**".
- ❒ Set the RF Signal Generator output to 435.100 MHz, at a level of -4 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the Squelch Tight level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

FM S-Meter S-1 Adjustment (S1 LEVEL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**S1 LEVEL**".
- ❒ Set the RF Signal Generator output to 435.100 MHz, at a level of -7 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the FM S-Meter S-1 level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

FM S-Meter Full-Scale Adjustment (S9 LEVEL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**S9 LEVEL**".
- ❒ Set the RF Signal Generator output to 435.100 MHz, at a level of +20 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the FM S-Meter Full Scale level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

TX Power (HI) Adjustment (HI POWER)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**HI POWER**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit and rotate the **DIAL** knob so that the Power Meter reading is 5.0 W (±0.05 W).
- ❒ Release the **PTT** switch, and then press the [**V/M**] button (the "Data" will disappear on the display).

TX Power (L3) Adjustment (L3 POWER)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**L3 POWER**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit and rotate the **DIAL** knob so that the Power Meter setting is 2.5 W (±0.1 W).
- ❒ Release the **PTT** switch, and then press the [**V/M**] button (the "Data" will disappear on the display).

TX Power (L2) Adjustment (L2 POWER)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**L2 POWER**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit and rotate the **DIAL** knob so that the Power Meter setting is 0.85 W (+0.05/-0.1 W).
- ❒ Release the **PTT** switch, and then press the [**V/M**] button (the "Data" will disappear on the display).

TX Power (L1) Adjustment (L1 POWER)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**L1 POWER**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit and rotate the **DIAL** knob so that the Power Meter setting is 0.3 W (±0.05 W).
- ❒ Release the **PTT** switch, and then press the [**V/M**] button (the "Data" will disappear on the display).

Digital TX Deviation Adjustment (DIG DEV)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**DIG DEV**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**BAND**] button to select the "PLL REF".
- ❒ Press the **PTT** switch to transmit and rotate the **DIAL** knob so that the Deviation Meter setting is 4.5 kHz ± 0.1 kHz.
- ❒ Release the **PTT** switch, and then press the [**V/M**] button (the "Data" will disappear on the display).

TX Deviation Adjustment (MAX DEV)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**MAX DEV**".
- ❒ Set the AF Signal Generator output to 50 mVrms with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit and rotate the **DIAL** knob so that the Deviation Meter setting is 4.2 kHz ± 0.05 kHz (USA version) or 4.5 kHz ± 0.05 kHz (EXP, EU versions).
- ❒ Release the **PTT** switch, and then press the [**V/M**] button (the "Data" will disappear on the display).

CTCSS TX Deviation Adjustment (TONE DEV)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**TONE DEV**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit without the microphone input and rotate the **DIAL** knob so that the Deviation Meter setting is 0.7 kHz (±0.1 kHz).
- ❒ Release the **PTT** switch, and then press the [**V/M**] button (the "Data" will disappear on the display).

DCS TX Deviation Adjustment (DCS DEV)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**DCS DEV**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit without the microphone input and rotate the **DIAL** knob so that the Deviation Meter setting is 0.7 kHz (±0.1 kHz).
- ❒ Release the **PTT** switch, and then press the [**V/M**] button (the "Data" will disappear on the display).

A-Band 50 MHz Band Adjustment

Press the [**BAND**] key to select the 50 MHz Amateur band.

Note: *When the transceiver recalls Alignment Menu "**PLL REF**", the [**A/B**] and [**BAND**] key operation is ignored. In this case, rotate the **DIAL** knob to select an Alignment Menu other than "**PLL REF**".*

Receiver Sensitivity Adjustment (TUNE DEV)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**TUNE DEV**".
- ❒ Set the RF Signal Generator output to 52.100 MHz, at a level of -8 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Rotate the **DIAL** knob for maximum deflection on the SINAD meter.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

Squelch Threshold Adjustment (THLD SQL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**THLD SQL**".
- ❒ Set the RF Signal Generator output to 52.100 MHz, at a level of -10 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to read the Squelch Threshold level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

Tight Squelch Adjustment (TIGH SQL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**TIGH SQL**".
- ❒ Set the RF Signal Generator output to 52.100 MHz, at a level of -4 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the Squelch Tight level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

FM S-Meter S-1 Adjustment (S1 LEVEL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**S1 LEVEL**".
- ❒ Set the RF Signal Generator output to 52.100 MHz, at a level of -7 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the FM S-Meter S-1 level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

FM S-Meter Full-Scale Adjustment (S9 LEVEL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**S9 LEVEL**".
- ❒ Set the RF Signal Generator output to 52.100 MHz, at a level of +20 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the FM S-Meter Full Scale level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

A-Band 144 MHz Band Adjustment

Press the [**BAND**] key to select the 144 MHz Amateur band.

Note: *When the transceiver recalls Alignment Menu "**PLL REF**", the [**A/B**] and [**BAND**] key operation is ignored. In this case, rotate the **DIAL** knob to select an Alignment Menu other than "**PLL REF**".*

Receiver Sensitivity Adjustment (TUNE DEV)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**TUNE DEV**".
- ❒ Set the RF Signal Generator output to 145.100 MHz, at a level of -10 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Rotate the **DIAL** knob for maximum deflection on the SINAD meter.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

Squelch Threshold Adjustment (THLD SQL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**THLD SQL**".
- ❒ Set the RF Signal Generator output to 145.100 MHz, at a level of -11 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the Squelch Threshold level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

Tight Squelch Adjustment (TIGH SQL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**TIGH SQL**".
- ❒ Set the RF Signal Generator output to 145.100 MHz, at a level of -4 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the Squelch Tight level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

FM S-Meter S-1 Adjustment (S1 LEVEL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**S1 LEVEL**".
- ❒ Set the RF Signal Generator output to 145.100 MHz, at a level of -7 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the FM S-Meter S-1 level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

FM S-Meter Full-Scale Adjustment (S9 LEVEL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**S9 LEVEL**".
- ❒ Set the RF Signal Generator output to 145.100 MHz, at a level of +20 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the FM S-Meter Full Scale level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

TX Power (HI) Adjustment (HI POWER)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**HI POWER**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit and rotate the **DIAL** knob so that the Power Meter setting is 5.0 W (±0.05 W).
- ❒ Release the **PTT** switch, then press the [**V/M**] button (the "Data" will disappear on the display).

TX Power (L3) Adjustment (L3 POWER)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**L3 POWER**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit and rotate the **DIAL** knob so that the Power Meter setting is 2.5 W (±0.1 W).
- ❒ Release the **PTT** switch, then press the [**V/M**] button (the "Data" will disappear on the display).

TX Power (L2) Adjustment (L2 POWER)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**L2 POWER**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit and rotate the **DIAL** knob so that the Power Meter setting is 0.9 W (+0.05/-0.1 W).
- ❒ Release the **PTT** switch, then press the [**V/M**] button (the "Data" will disappear on the display).

TX Power (L1) Adjustment (L1 POWER)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**L1 POWER**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit and rotate the **DIAL** knob so that the Power Meter setting is 0.3 W (±0.05 W).
- ❒ Release the **PTT** switch, then press the [**V/M**] button (the "Data" will disappear on the display).

Digital TX Deviation Adjustment (DIG DEV)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**DIG DEV**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**BAND**] button to select the "**DIG DEV**".
- ❒ Press the **PTT** switch to transmit and rotate the **DIAL** knob so that the Deviation Meter setting is 4.5 kHz ± 0.1 kHz.
- ❒ Release the **PTT** switch, and then press the [**V/M**] button (the "Data" will disappear on the display).

TX Deviation Adjustment (MAX DEV)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**MAX DEV**".
- ❒ Set the AF Signal Generator output to 50 mVrms with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit and rotate the **DIAL** knob so that the Deviation Meter setting is 4.2 kHz ± 0.05 kHz (USA version) or 4.5 kHz ± 0.05 kHz (EXP/EU versions).
- ❒ Release the **PTT** switch, and then press the [**V/M**] button (the "Data" will disappear on the display).

CTCSS TX Deviation Adjustment (TONE DEV)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**TONE DEV**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit without the microphone input and rotate the **DIAL** knob so that the Deviation Meter setting is 0.7 kHz (±0.1 kHz).
- ❒ Release the **PTT** switch, and then press the [**V/M**] button (the "Data" will disappear on the display).

DCS TX Deviation Adjustment (DCS DEV)

- ❒ Connect the test equipment as shown in Figure 1: TX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**DCS DEV**".
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the **PTT** switch to transmit without the microphone input and rotate the **DIAL** knob so that the Deviation Meter setting is 0.7 kHz (±0.1 kHz).
- ❒ Release the **PTT** switch, then press the [**V/M**] button (the "Data" will disappear on the display).

B-Band 430 MHz Band Adjustment

NOTICE: Do not touch the following Alignment Menus in B-Band 430 MHz Band Adjustment:
"**PLL REF** "
"**HI POWER**"
"**L3 POWER**"
"**L2 POWER**"
"**L1 POWER**"
"**MAX DEV**"
"**TONE DEV**"
"**DCS DEV**"

Press the [**A/B**] key to change the operating band to the "B-Band".
Press the [**BAND**] key to select the 430 MHz Amateur band.

Note: *When the transceiver recalls Alignment Menu "**PLL REF**", the [**A/B**] and [**BAND**] key operation is ignored. In this case, rotate the **DIAL** knob to select an Alignment Menu other than "**PLL REF**".*

Receiver Sensitivity Adjustment (TUNE DEV)
- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**TUNE DEV**".
- ❒ Set the RF Signal Generator output to 435.100 MHz, at a level of -10 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Rotate the **DIAL** knob for maximum deflection on the SINAD meter.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

Squelch Threshold Adjustment (THLD SQL)
- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**THLD SQL**".
- ❒ Set the RF Signal Generator output to 435.100 MHz, at a level of -11 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the Squelch Threshold level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

Tight Squelch Adjustment (TIGH SQL)
- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**TIGH SQL**".
- ❒ Set the RF Signal Generator output to 435.100 MHz, at a level of -4 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the Squelch Tight level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

FM S-Meter S-1 Adjustment (S1 LEVEL)
- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**S1 LEVEL**".
- ❒ Set the RF Signal Generator output to 435.100 MHz, at a level of -7 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the FM S-Meter S-1 level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

FM S-Meter Full-Scale Adjustment (S9 LEVEL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**S9 LEVEL**".
- ❒ Set the RF Signal Generator output to 435.100 MHz, at a level of +20 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the FM S-Meter Full Scale level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

B-Band 144 MHz Band Adjustment

NOTICE: Do not touch the following Alignment Menus in B-Band 144 MHz Band Adjustment:
"**PLL REF**"
"**HI POWER**"
"**L3 POWER**"
"**L2 POWER**"
"**L1 POWER**"
"**MAX DEV**"
"**TONE DEV**"
"**DCS DEV**"

Press the [**BAND**] key to select the 144 MHz Amateur band.

Note: When the transceiver recalls Alignment Menu "**PLL REF**", the [**A/B**] and [**BAND**] key operation is ignored. In this case, rotate the **DIAL** knob to select an Alignment Menu other than "**PLL REF**".

Receiver Sensitivity Adjustment (TUNE DEV)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**TUNE DEV**".
- ❒ Set the RF Signal Generator output to 145.100 MHz, at a level of -10 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Rotate the **DIAL** knob for maximum deflection on the SINAD meter.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

Squelch Threshold Adjustment (THLD SQL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**THLD SQL**".
- ❒ Set the RF Signal Generator output to 145.100 MHz, at a level of -11 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the Squelch Threshold level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

Tight Squelch Adjustment (TIGH SQL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**TIGH SQL**".
- ❒ Set the RF Signal Generator output to 145.100 MHz, at a level of -4 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the Squelch Tight level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

FM S-Meter S-1 Adjustment (S1 LEVEL)

- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**S1 LEVEL**".
- ❒ Set the RF Signal Generator output to 145.100 MHz, at a level of -7 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the FM S-Meter S-1 level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

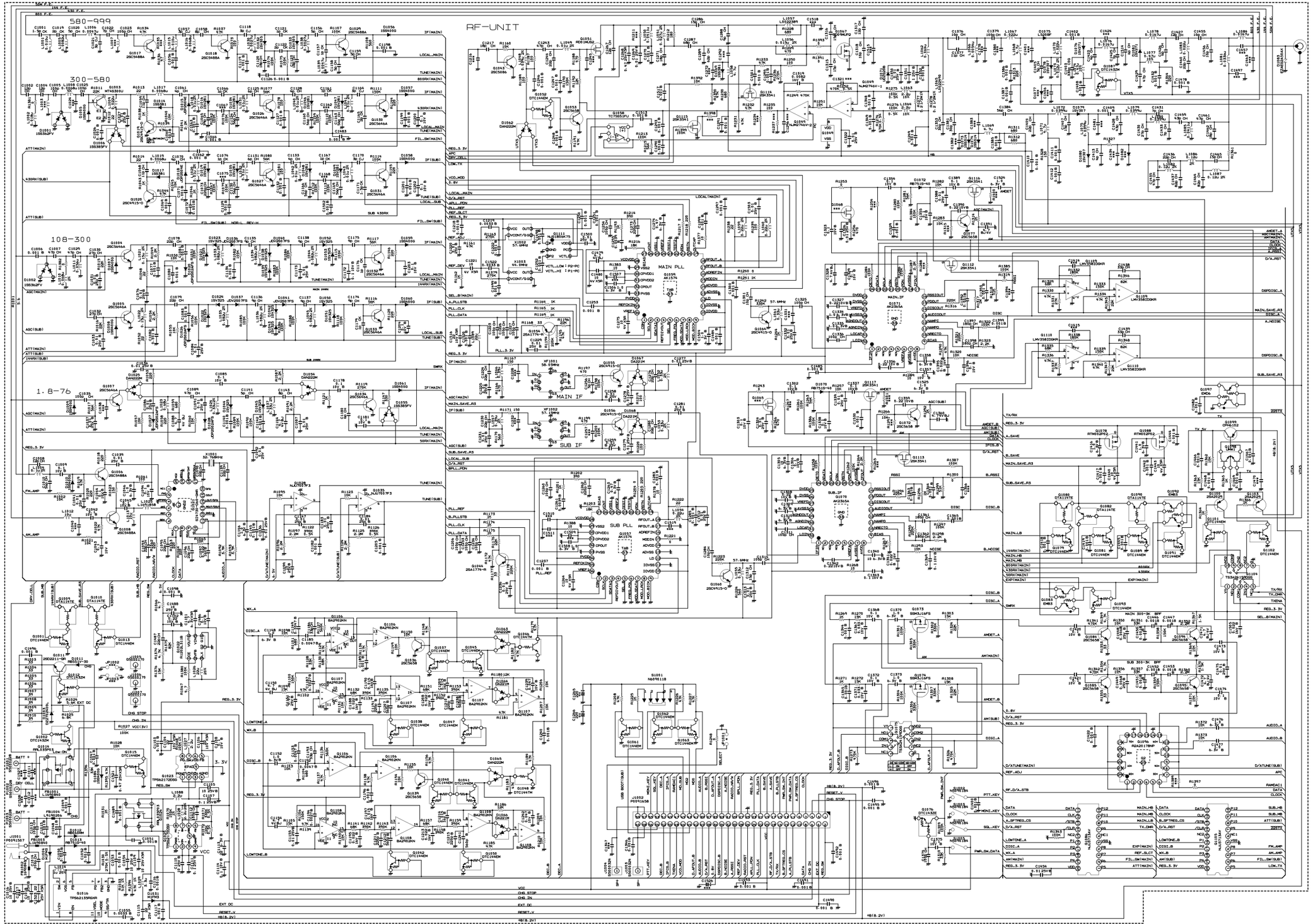
FM S-Meter Full-Scale Adjustment (S9 LEVEL)

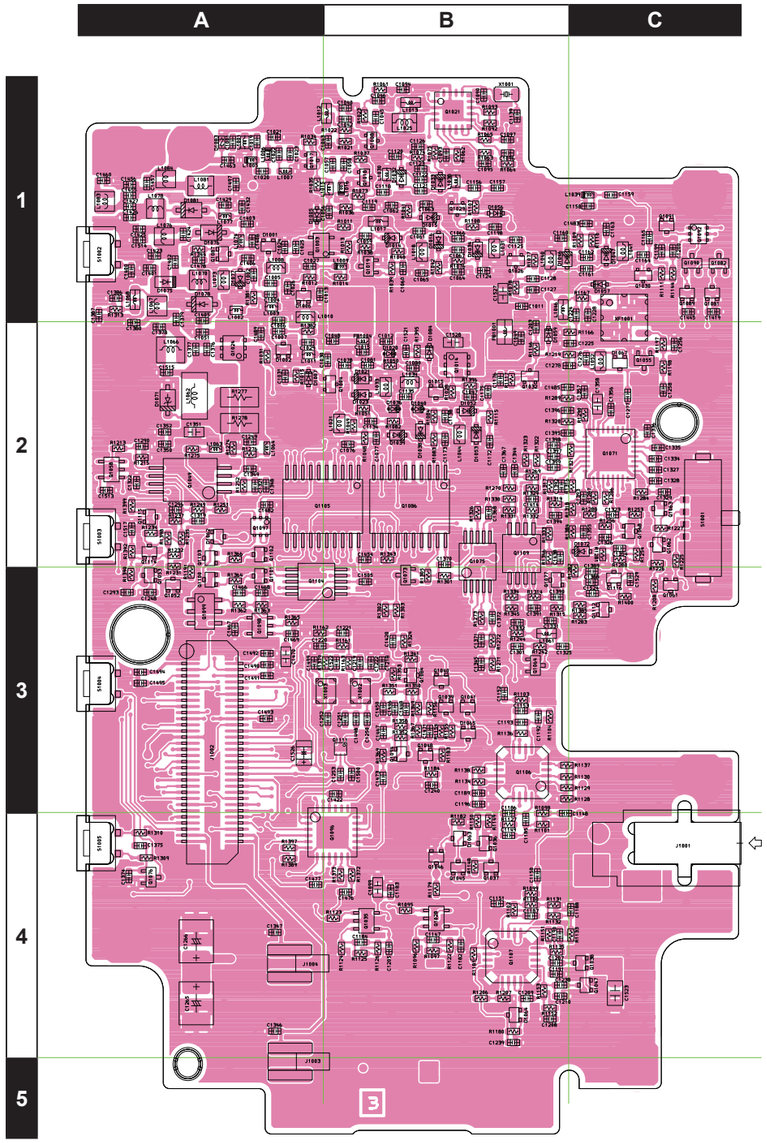
- ❒ Connect the test equipment as shown in Figure 2: RX Alignment Setup.
- ❒ Rotate the **DIAL** knob to select the Alignment Menu "**S9 LEVEL**".
- ❒ Set the RF Signal Generator output to 145.100 MHz, at a level of +20 dBμ, ±3.5 kHz deviation with a 1 kHz audio tone.
- ❒ Press the [**V/M**] button (the "Data" will appear on the display).
- ❒ Press the [**X**] key two times to store the FM S-Meter Full Scale level.
- ❒ Press the [**V/M**] button (the "Data" will disappear on the display).

This completes the internal alignment routine for all bands. To save all settings and exit, touch [**WRITE**].

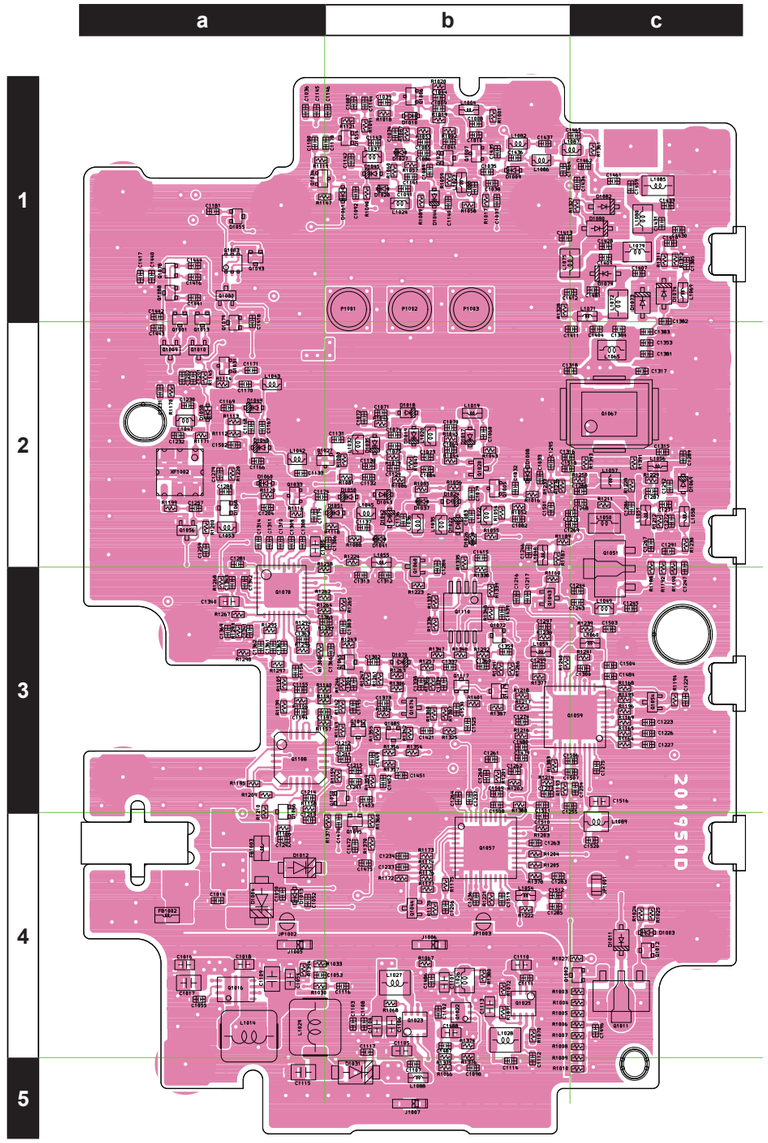
RF Unit (Lot. 1)

Circuit Diagram

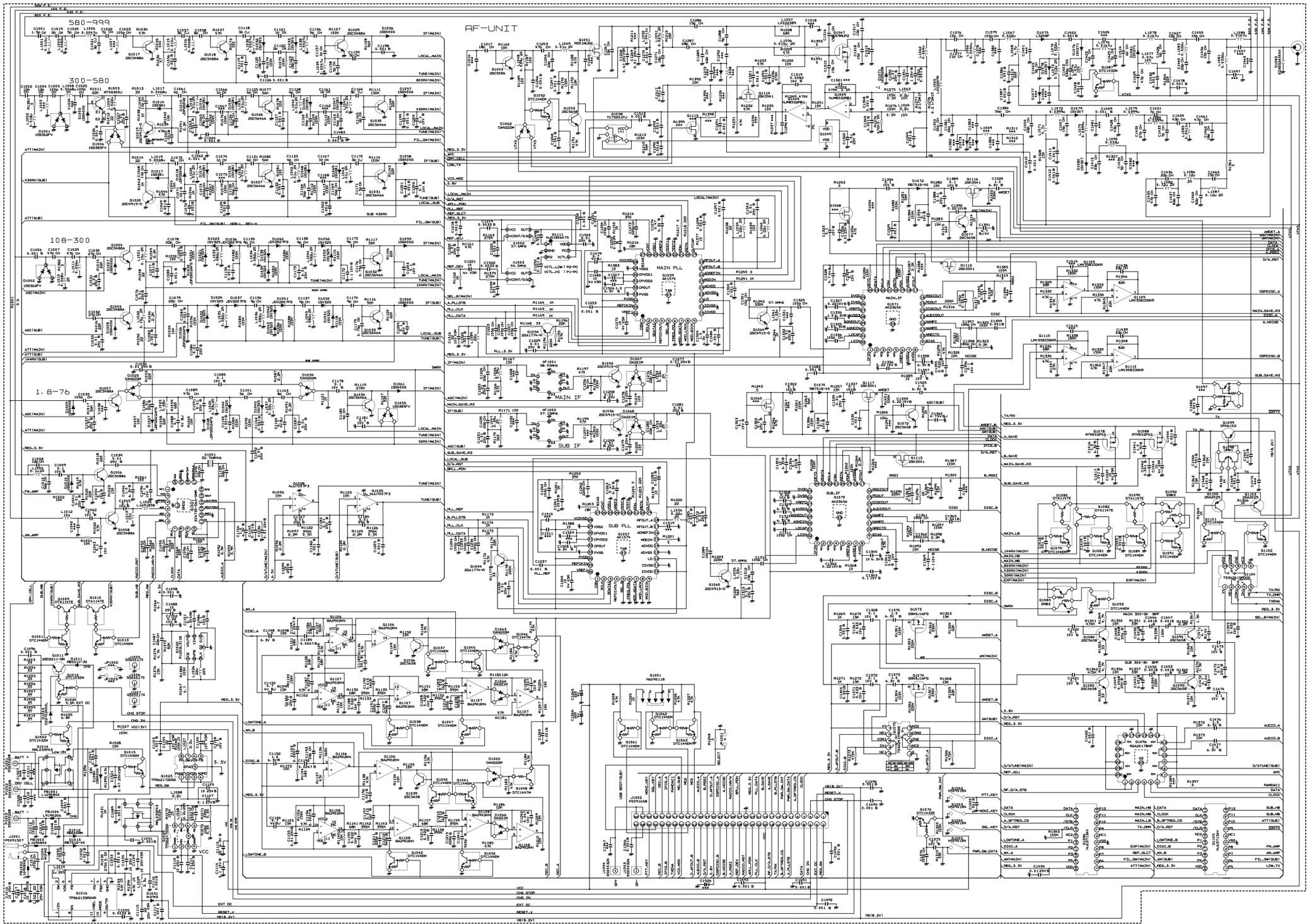


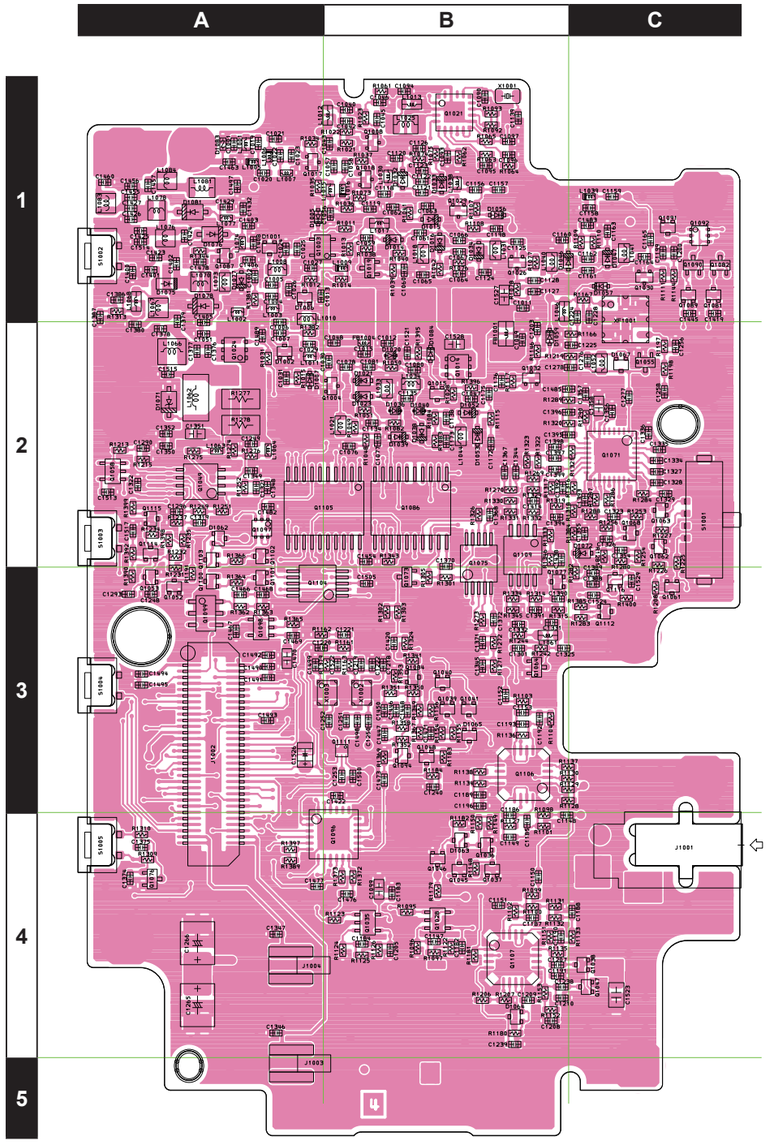


Side A

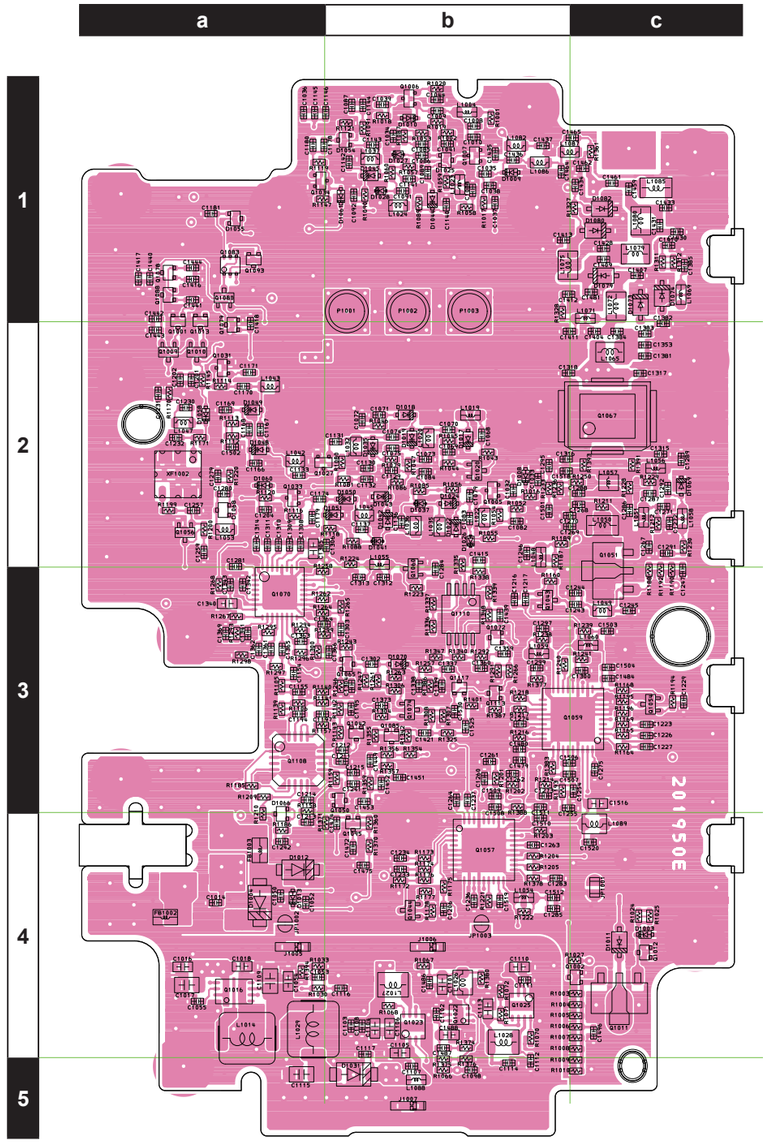


Side B


RF-UNIT
580-999
300-580
108-300
1.8-76
MAIN PLL
SUB PLL
MAIN IF
SUB IF
MAIN 300-3K BPF
SUB 300-3K BPF
TX
RX
DISC
AMDET
SUB 450SK
MAIN-IF
SUB-IF
MAIN-LB
SUB-LB
MAIN-HB
SUB-HB
EXP(MAIN)
TX/RX
TX_DMR
TXBPA
REG_3.3V
SEL_B(MAIN)
D/A_RST
DSPDISC_A
DSPDISC_B
MAIN_SAVE_R3
SUB_SAVE_R3
A_NOISE
B_NOISE
AUDIO_A
AUDIO_B
D/ATUNE(MAIN)
D/ATUNE(SUB)
APC
RAMDAC1
DATA
CLOCK
RF_D/A_STB
PTT_KEY
SQL_KEY
PWR_SW_DATA
AM(MAIN)
AM(SUB)
FM_AMP
ATT(MAIN)
ATT(SUB)
LOWTONE_A
LOWTONE_B
VCC
CHG_STOP
CHG_IN
EXT_DC
RESET_V
+B(8.2V)

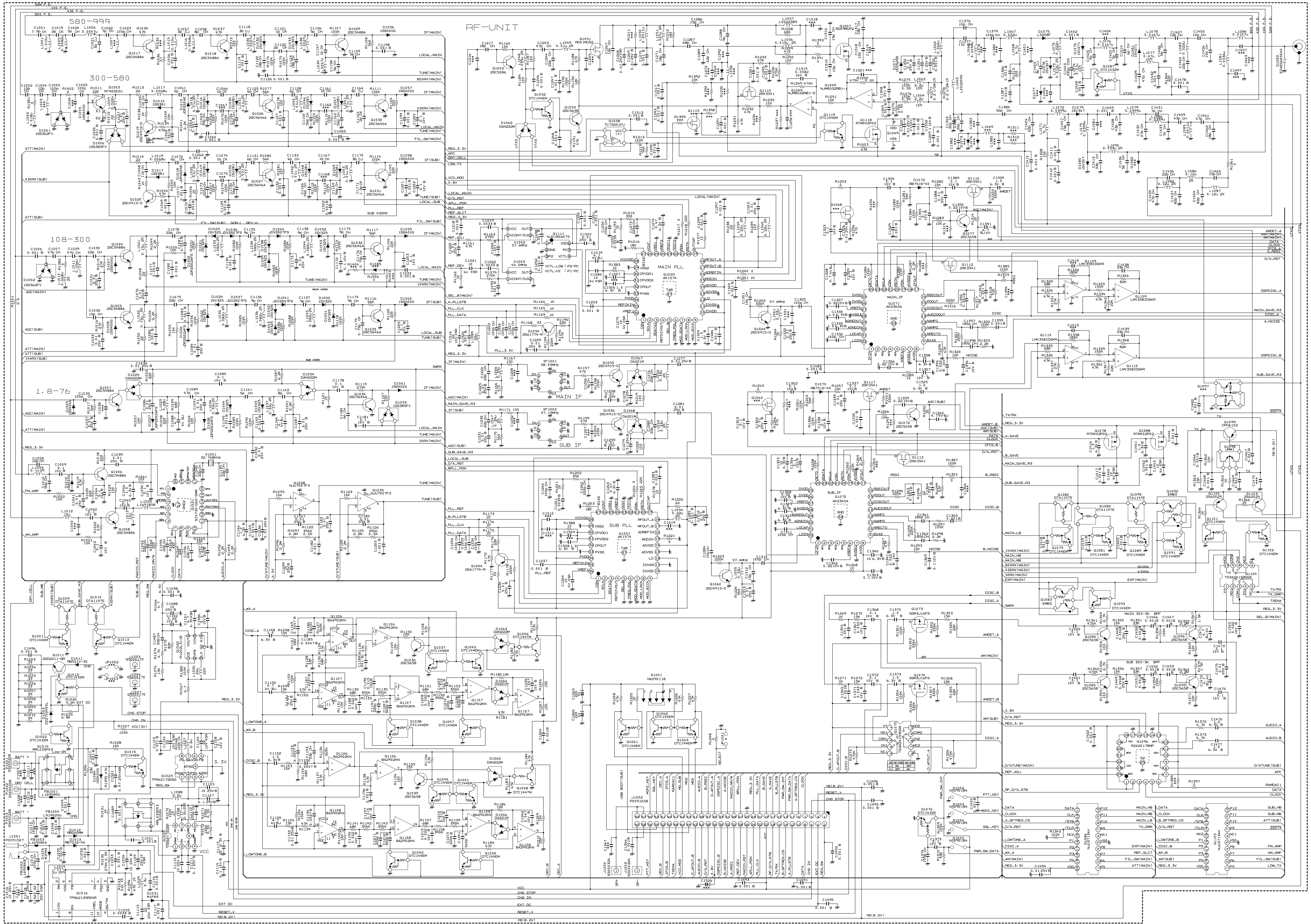


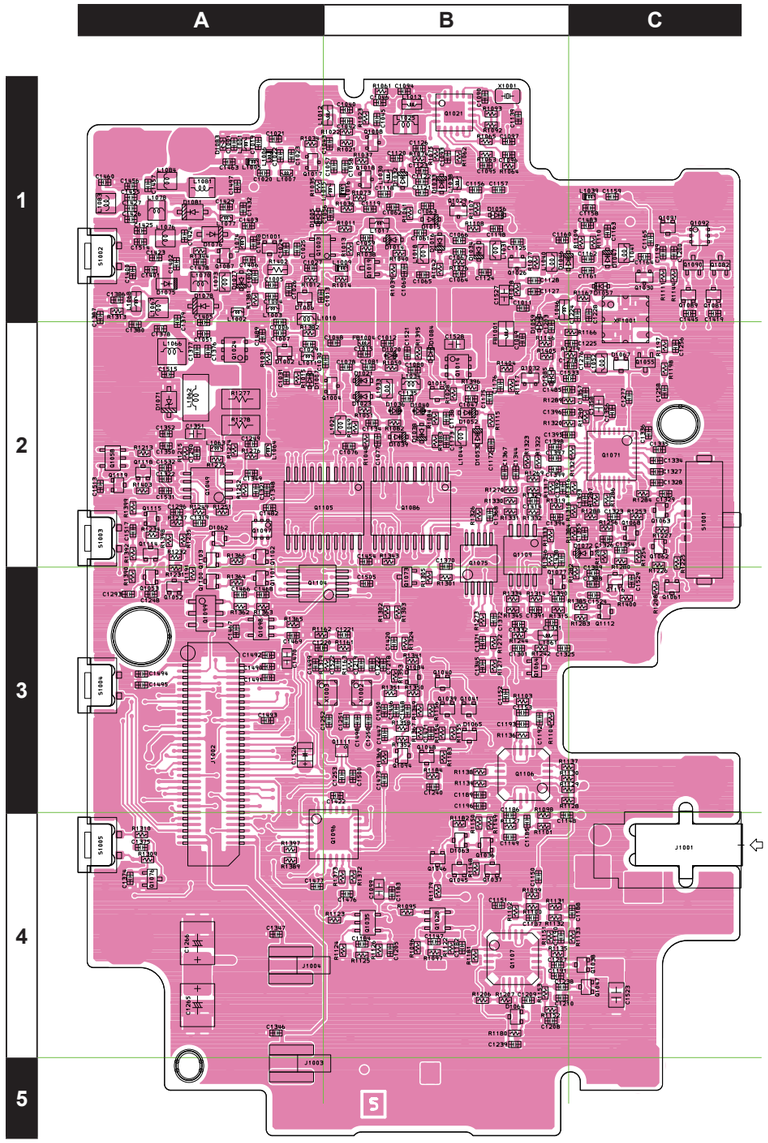
Side A



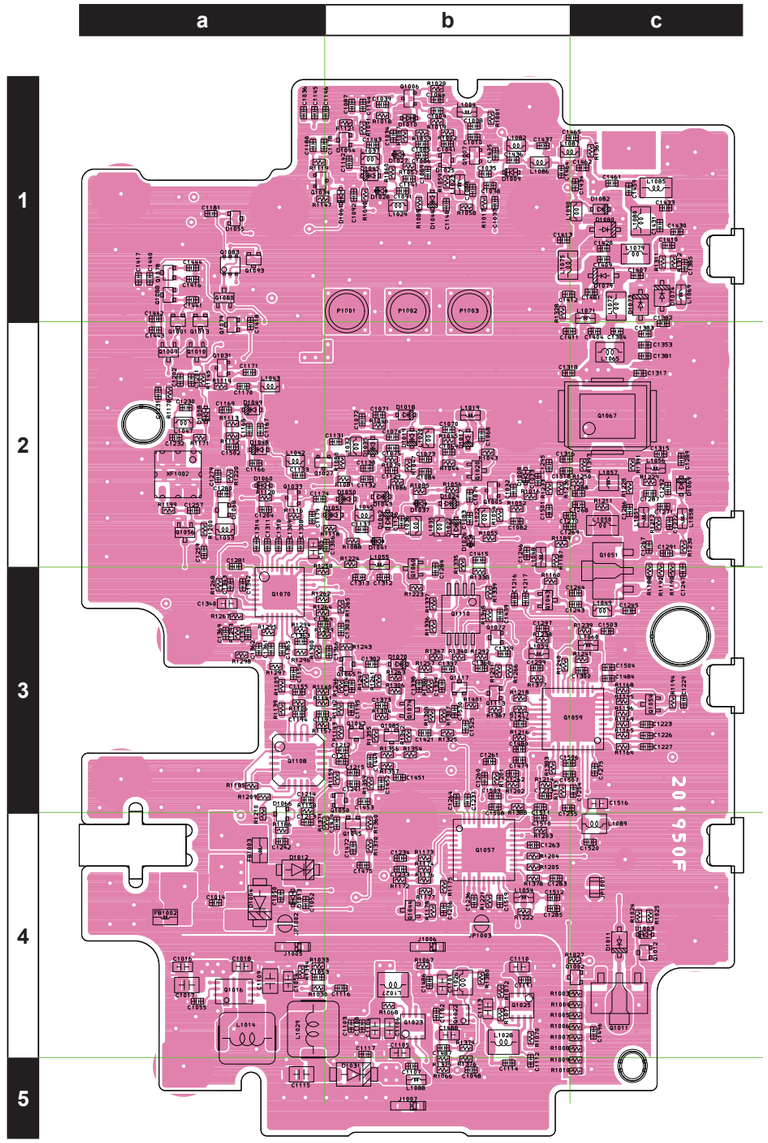
Side B

RF Unit (Lot. 4 -)
Circuit Diagram





Side A



Side B

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components is included RF-1 ASSY (see Exploded View)									
C 1001	CHIP CAP.	1.5pF	50V	CK	GRM1554C1H1R5BA01D	K22178288		1-	A	A1
C 1002	CHIP CAP.	12pF	50V	CH	GRM1552C1H120JA01D	K22178214		1-	A	A1
C 1004	CHIP CAP.	12pF	50V	CH	GRM1552C1H120JA01D	K22178214		1-	A	A1
C 1005	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	A	A1
C 1006	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 1007	CHIP CAP.	47pF	50V	CH	GRM1552C1H470JA01D	K22178228		1-	A	A2
C 1008	CHIP CAP.	12pF	50V	CH	GRM1552C1H120JA01D	K22178214		1-	B	b1
C 1009	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b1
C 1010	CHIP CAP.	56pF	50V	CH	GRM1552C1H560JA01D	K22178230		1-	B	b1
C 1013	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	A	A1
C 1014	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	a4
C 1015	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B2
C 1016	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	a4
C 1018	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	a4
C 1019	CHIP CAP.	2pF	50V	CK	GRM1554C1H2R0BA01D	K22178289		1-	A	A1
C 1020	CHIP CAP.	5pF	50V	CH	GRM1552C1H5R0CA01D	K22178207		1-	A	A1
C 1021	CHIP CAP.	3pF	50V	CJ	GRM1553C1H3R0BA01D	K22178290		1-	A	A1
C 1022	CHIP CAP.	7pF	50V	CH	GRM1552C1H7R0DA01D	K22178209		1-	A	A1
C 1023	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	A	A1
C 1025	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	A	A1
C 1026	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A1
C 1027	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A1
C 1029	CHIP CAP.	47pF	50V	CH	GRM1552C1H470JA01D	K22178228		1-	A	A2
C 1030	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	A2
C 1031	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A2
C 1032	CHIP CAP.	15pF	50V	CH	GRM1552C1H150JA01D	K22178216		1-	B	b2
C 1033	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b2
C 1034	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1
C 1035	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	b1
C 1036	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	a1
C 1037	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1
C 1039	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1
C 1041	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1
C 1042	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B1
C 1043	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A1
C 1044	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b1
C 1045	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B1
C 1046	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	B1
C 1047	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B2
C 1048	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B2
C 1049	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B2
C 1050	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a4
C 1051	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 1052	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a4
C 1053	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a4
C 1054	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	a4
C 1055	CHIP CAP.	0.0033uF	50V	B	GRM155B11H332KA01D	K22178815		1-	B	a4
C 1056	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A1
C 1057	CHIP CAP.	3pF	50V	CJ	GRM1553C1H3R0BA01D	K22178290		1-	A	B1
C 1058	CHIP CAP.	8pF	50V	CH	GRM1552C1H8R0DA01D	K22178210		1-	A	B1
C 1059	CHIP CAP.	11pF	50V	CH	GRM1552C1H110GA01D	K22179731		1-	A	B1
C 1060	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B1
C 1061	CHIP CAP.	4pF	50V	CH	GRM1552C1H4R0BA01D	K22178291		1-	A	B1
C 1062	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B1
C 1063	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B1
C 1064	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B1
C 1065	CHIP CAP.	39pF	50V	CH	GRM1552C1H390JA01D	K22178226		1-	A	B1
C 1066	CHIP CAP.	1pF	50V	CK	GRM1554C1H1R0BA01D	K22178287		1-	A	B1
C 1068	CHIP CAP.	11pF	50V	CH	GRM1552C1H110GA01D	K22179731		1-	B	b2
C 1069	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b2
C 1070	CHIP CAP.	4pF	50V	CH	GRM1552C1H4R0BA01D	K22178291		1-	B	b2
C 1071	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b2
C 1072	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b2
C 1073	CHIP CAP.	220pF	50V	CH	GRM1552C1H221JA01D	K22179713		1-	B	b2
C 1074	CHIP CAP.	1pF	50V	CK	GRM1554C1H1R0BA01D	K22178287		1-	B	b2
C 1076	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B2
C 1077	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B2
C 1078	CHIP CAP.	22pF	50V	CH	GRM1552C1H220GA01D	K22179707		1-	A	B2
C 1079	CHIP CAP.	22pF	50V	CH	GRM1552C1H220GA01D	K22179707		1-	B	b2
C 1080	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B2
C 1081	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B2
C 1082	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1083	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b2
C 1084	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b2
C 1085	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b1
C 1086	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1
C 1087	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1
C 1088	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	B	b1
C 1089	CHIP CAP.	47pF	50V	CH	GRM1552C1H470JA01D	K22178228		1-	B	b1
C 1090	CHIP CAP.	22pF	50V	CH	GRM1552C1H220GA01D	K22179707		1-	A	B1
C 1091	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1
C 1092	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1
C 1093	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	B1
C 1094	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B1
C 1095	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	B1
C 1096	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	B1
C 1097	CHIP CAP.	0.022uF	16V	B	GRM155B11C223KA01D	K22128806		1-	A	B1
C 1098	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b5
C 1099	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	A	B4
C 1101	CHIP CAP.	4.7uF	6.3V	X5R	GRM188R60J475KE19D	K22084808		1-	B	b4
C 1102	CHIP CAP.	0.22uF	10V	B	GRM155B31A224KE18D	K22108808		1-	B	b4
C 1103	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b4
C 1104	CHIP CAP.	22uF	10V	X5R	GRM188R61A226ME15D	K22101808		1-	B	b4
C 1105	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	b4
C 1106	CHIP CAP.	22uF	10V	X5R	GRM188R61A226ME15D	K22101808		1-	B	b4
C 1107	CHIP CAP.	0.1uF	25V	B	GRM155B31E104KA87D	K22148838		1-	B	b5
C 1108	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b4
C 1109	CHIP CAP.	10uH	25V	X5R	GRM21BR61E106KA73L	K22140201		1-	B	a4
C 1109	CHIP CAP.	10uF	25V	X5R	C2012X5R1E106K125AB	K22140834		5-	B	a4
C 1110	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	b4
C 1111	CHIP CAP.	0.1uF	25V	B	GRM155B31E104KA87D	K22148838		1-	B	b4
C 1112	CHIP CAP.	120pF	50V	CH	GRM1552C1H121JA01D	K22178238		1-	B	b5
C 1113	CHIP CAP.	22uF	6.3V	B	GRM188R60J226MEA0D	K22084807		1-	B	b4
C 1114	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b5
C 1115	CHIP CAP.	22uF	25V	X5R	GRM21BR61E226ME44L	K22140830		1-	B	a5
C 1116	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b4
C 1117	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b4
C 1118	CHIP CAP.	3pF	50V	CJ	GRM1553C1H3R0BA01D	K22178290		1-	A	B1
C 1119	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B1
C 1120	CHIP CAP.	18pF	50V	CH	GRM1552C1H180JA01D	K22178218		1-	A	B1
C 1121	CHIP CAP.	1pF	50V	CK	GRM1554C1H1R0BA01D	K22178287		1-	A	B1
C 1122	CHIP CAP.	2pF	50V	CK	GRM1554C1H2R0BA01D	K22178289		1-	A	B1
C 1123	CHIP CAP.	18pF	50V	CH	GRM1552C1H180JA01D	K22178218		1-	A	B1
C 1124	CHIP CAP.	56pF	50V	CH	GRM1552C1H560JA01D	K22178230		1-	A	B1
C 1125	CHIP CAP.	6pF	50V	CH	GRM1552C1H6R0DA01D	K22178208		1-	A	B1
C 1126	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B1
C 1127	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B1
C 1128	CHIP CAP.	4pF	50V	CH	GRM1552C1H4R0BA01D	K22178291		1-	A	B1
C 1129	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b2
C 1130	CHIP CAP.	56pF	50V	CH	GRM1552C1H560JA01D	K22178230		1-	B	b2
C 1131	CHIP CAP.	6pF	50V	CH	GRM1552C1H6R0DA01D	K22178208		1-	B	b2
C 1132	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b2
C 1133	CHIP CAP.	4pF	50V	CH	GRM1552C1H4R0BA01D	K22178291		1-	B	a2
C 1134	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B2
C 1135	CHIP CAP.	9pF	50V	CH	GRM1552C1H9R0BA01D	K22178296		1-	A	B2
C 1136	CHIP CAP.	9pF	50V	CH	GRM1552C1H9R0BA01D	K22178296		1-	B	b2
C 1137	CHIP CAP.	9pF	50V	CH	GRM1552C1H9R0BA01D	K22178296		1-	B	b2
C 1138	CHIP CAP.	9pF	50V	CH	GRM1552C1H9R0BA01D	K22178296		1-	A	B2
C 1139	CHIP CAP.	22pF	50V	CH	GRM1552C1H220GA01D	K22179707		1-	A	B1
C 1140	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b1
C 1141	CHIP CAP.	5pF	50V	CH	GRM1552C1H5R0CA01D	K22178207		1-	B	b1
C 1142	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b1
C 1143	CHIP CAP.	8pF	50V	CH	GRM1552C1H8R0DA01D	K22178210		1-	B	b1
C 1144	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	B	b1
C 1145	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a1
C 1146	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	B	a1
C 1147	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B4
C 1148	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	B4
C 1149	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	A	B4
C 1150	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	A	B4
C 1151	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B4
C 1152	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	B3
C 1153	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	A	B3
C 1154	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	B	a3
C 1155	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	a3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1156	CHIP CAP.	5pF	50V	CH	GRM1552C1H5R0CA01D	K22178207		1-	A	B1
C 1157	CHIP CAP.	1pF	50V	CK	GRM1554C1H1R0BA01D	K22178287		1-	A	B1
C 1158	CHIP CAP.	5pF	50V	CH	GRM1552C1H5R0CA01D	K22178207		1-	A	C1
C 1159	CHIP CAP.	5pF	50V	CH	GRM1552C1H5R0CA01D	K22178207		1-	A	C1
C 1160	CHIP CAP.	56pF	50V	CH	GRM1552C1H560JA01D	K22178230		1-	A	B1
C 1161	CHIP CAP.	1pF	50V	CK	GRM1554C1H1R0BA01D	K22178287		1-	A	C1
C 1163	CHIP CAP.	56pF	50V	CH	GRM1552C1H560JA01D	K22178230		1-	A	C1
C 1164	CHIP CAP.	3pF	50V	CJ	GRM1553C1H3R0BA01D	K22178290		1-	A	C1
C 1165	CHIP CAP.	1.5pF	50V	CK	GRM1554C1H1R5BA01D	K22178288	W/ CE	1-	A	C1
C 1165	CHIP CAP.	2pF	50V	CK	GRM1554C1H2R0BA01D	K22178289	W/O CE	1-	A	C1
C 1166	CHIP CAP.	56pF	50V	CH	GRM1552C1H560JA01D	K22178230		1-	B	a2
C 1167	CHIP CAP.	1pF	50V	CK	GRM1554C1H1R0BA01D	K22178287		1-	B	a2
C 1169	CHIP CAP.	56pF	50V	CH	GRM1552C1H560JA01D	K22178230		1-	B	a2
C 1170	CHIP CAP.	3pF	50V	CJ	GRM1553C1H3R0BA01D	K22178290		1-	B	a2
C 1171	CHIP CAP.	1.5pF	50V	CK	GRM1554C1H1R5BA01D	K22178288		1-	B	a2
C 1172	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 1173	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B2
C 1174	CHIP CAP.	9pF	50V	CH	GRM1552C1H9R0BA01D	K22178296		1-	B	a2
C 1175	CHIP CAP.	9pF	50V	CH	GRM1552C1H9R0BA01D	K22178296		1-	A	B2
C 1176	CHIP CAP.	0.75pF	50V	CK	GRM1554C1HR75BA01D	K22178286		1-	A	B2
C 1178	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a1
C 1179	CHIP CAP.	0.75pF	50V	CK	GRM1554C1HR75BA01D	K22178286		1-	B	a2
C 1180	CHIP CAP.	6pF	50V	CH	GRM1552C1H6R0DA01D	K22178208		1-	B	a1
C 1181	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a1
C 1182	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B4
C 1183	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B4
C 1184	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B4
C 1185	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	A	B4
C 1186	CHIP CAP.	33pF	50V	CH	GRM1552C1H330JA01D	K22178224		1-	A	B4
C 1187	CHIP CAP.	0.0027uF	50V	B	GRM155B11H272KA01D	K22178814		1-	A	B4
C 1188	CHIP CAP.	0.022uF	16V	B	GRM155B11C223KA01D	K22128806		1-	A	B4
C 1189	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B3
C 1190	CHIP CAP.	0.015uF	16V	B	GRM155B11C153KA01D	K22128807		1-	A	B4
C 1191	CHIP CAP.	220pF	50V	B	GRM155B11H221KA01D	K22178801		1-	A	B4
C 1192	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	A	B3
C 1193	CHIP CAP.	33pF	50V	CH	GRM1552C1H330JA01D	K22178224		1-	A	B3
C 1194	CHIP CAP.	0.0027uF	50V	B	GRM155B11H272KA01D	K22178814		1-	B	a3
C 1195	CHIP CAP.	0.022uF	16V	B	GRM155B11C223KA01D	K22128806		1-	B	b3
C 1196	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B3
C 1197	CHIP CAP.	0.015uF	16V	B	GRM155B11C153KA01D	K22128807		1-	B	a3
C 1198	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B1
C 1199	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	C1
C 1200	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C1
C 1201	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a2
C 1202	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a2
C 1203	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 1204	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a2
C 1205	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B4
C 1206	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	b4
C 1207	CHIP CAP.	560pF	50V	B	GRM155B11H561KA01D	K22178806		1-	A	B4
C 1208	CHIP CAP.	0.022uF	16V	B	GRM155B11C223KA01D	K22128806		1-	A	B4
C 1209	CHIP CAP.	0.015uF	16V	B	GRM155B11C153KA01D	K22128807		1-	A	B4
C 1210	CHIP CAP.	220pF	50V	B	GRM155B11H221KA01D	K22178801		1-	A	B4
C 1211	CHIP CAP.	220pF	50V	B	GRM155B11H221KA01D	K22178801		1-	B	b3
C 1212	CHIP CAP.	560pF	50V	B	GRM155B11H561KA01D	K22178806		1-	B	b3
C 1213	CHIP CAP.	0.022uF	16V	B	GRM155B11C223KA01D	K22128806		1-	B	a4
C 1214	CHIP CAP.	0.015uF	16V	B	GRM155B11C153KA01D	K22128807		1-	B	a3
C 1215	CHIP CAP.	220pF	50V	B	GRM155B11H221KA01D	K22178801		1-	B	b3
C 1217	CHIP CAP.	18pF	50V	CH	GRM1552C1H180JA01D	K22178218		1-	B	b3
C 1218	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B3
C 1219	CHIP CAP.	0.0033uF	50V	B	GRM155B11H332KA01D	K22178815		1-	A	B3
C 1220	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A3
C 1221	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	A	B3
C 1222	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B3
C 1223	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	c3
C 1224	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	B1
C 1225	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B2
C 1226	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	c3
C 1227	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	c3
C 1229	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	c3
C 1230	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	B	a2
C 1231	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	a2
C 1233	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	b4

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1234	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	b4
C 1236	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b4
C 1237	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b3
C 1238	CHIP CAP.	560pF	50V	B	GRM155B11H561KA01D	K22178806		1-	A	B4
C 1239	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	A	B4
C 1240	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B3
C 1241	CHIP CAP.	560pF	50V	B	GRM155B11H561KA01D	K22178806		1-	B	b3
C 1242	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	B	a4
C 1243	CHIP CAP.	47pF	50V	CH	GRM1552C1H470JA01D	K22178228		1-	B	c3
C 1244	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	B	c3
C 1246	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b2
C 1247	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c3
C 1248	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1249	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 1250	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B3
C 1251	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B3
C 1252	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1253	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B3
C 1254	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	c3
C 1255	CHIP CAP.	0.0039uF	50V	B	GRM155B11H392KA01D	K22178816		1-	B	b3
C 1256	CHIP CAP.	5pF	50V	CH	GRM1552C1H5R0CA01D	K22178207		1-	A	C2
C 1258	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	C2
C 1259	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	a2
C 1260	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	b3
C 1261	CHIP CAP.	0.0039uF	50V	B	GRM155B11H392KA01D	K22178816		1-	B	b3
C 1262	CHIP CAP.	220pF	50V	CH	GRM1552C1H221JA01D	K22179713		1-	B	b3
C 1263	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b4
C 1264	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	B	b3
C 1265	CHIP TA.CAP.	220uF	4V		F930G227MBA	K78060060		1-	A	A4
C 1266	CHIP TA.CAP.	220uF	4V		F930G227MBA	K78060060		1-	A	A4
C 1267	CHIP CAP.	12pF	50V	CH	GRM1552C1H120JA01D	K22178214		1-	B	c2
C 1268	CHIP CAP.	0.47uF	25V	X5R	GRM155R61E474KE01D	K22148840		1-	B	c2
C 1269	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b2
C 1270	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b2
C 1271	CHIP CAP.	18pF	50V	CH	GRM1552C1H180JA01D	K22178218		1-	B	c2
C 1273	CHIP CAP.	220pF	50V	CH	GRM1552C1H221JA01D	K22179713		1-	B	b3
C 1274	CHIP CAP.	0.47uF	6.3V	B	GRM155B30J474KE18D	K22088802		1-	B	b3
C 1275	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	B	c3
C 1276	CHIP CAP.	22pF	50V	CH	GRM1552C1H220GA01D	K22179707		1-	A	C2
C 1277	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	C2
C 1278	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B2
C 1279	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	a2
C 1280	CHIP CAP.	22pF	50V	CH	GRM1552C1H220GA01D	K22179707		1-	B	a2
C 1281	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	a3
C 1283	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b4
C 1284	CHIP CAP.	10pF	50V	CH	GRM1552C1H100BA01D	K22178297		1-	B	b3
C 1285	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b4
C 1286	CHIP CAP.	15pF	50V	CH	GRM1552C1H150JA01D	K22178216		1-	B	c2
C 1287	CHIP CAP.	68pF	50V	CH	GRM1552C1H680JA01D	K22178232		1-	B	c2
C 1288	CHIP CAP.	9pF	50V	CH	GRM1552C1H9R0DA01D	K22178211		1-	B	c2
C 1289	CHIP CAP.	62pF	50V	CH	GRM1552C1H620JA01D	K22178231		1-	B	c2
C 1290	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 1291	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c2
C 1293	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1295	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b2
C 1297	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b3
C 1299	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b3
C 1300	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c3
C 1301	CHIP CAP.	10pF	50V	CH	GRM1552C1H100BA01D	K22178297		1-	A	B3
C 1302	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b3
C 1303	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b3
C 1304	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b3
C 1305	CHIP CAP.	10uF	6.3V	B	JMK107BJ106MA-T	K22084806		1-	B	a2
C 1306	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a2
C 1308	CHIP CAP.	0.22uF	10V	B	GRM155B31A224KE18D	K22108808		1-	B	a2
C 1309	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	B	a2
C 1310	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	B	a2
C 1311	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	a2
C 1312	CHIP CAP.	15pF	50V	CH	GRM1552C1H150JA01D	K22178216		1-	B	b3
C 1313	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b3
C 1314	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	a2
C 1315	CHIP CAP.	15pF	50V	CH	GRM1552C1H150GA01D	K22178300		1-	B	c2
C 1316	CHIP CAP.	15pF	50V	CH	GRM1552C1H150JA01D	K22178216		1-	B	b2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1317	CHIP CAP.	12pF	50V	CH	GRM1552C1H120JA01D	K22178214		1-	B	c2
C 1318	CHIP CAP.	10pF	50V	CH	GRM1552C1H100JA01D	K22178212		1-	B	b2
C 1319	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	A	A2
C 1322	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A2
C 1323	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 1325	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	A	B3
C 1326	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	C2
C 1327	CHIP CAP.	0.22uF	10V	B	GRM155B31A224KE18D	K22108808		1-	A	C2
C 1328	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	A	C2
C 1329	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 1332	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B3
C 1334	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	C2
C 1335	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	C2
C 1336	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	A	C2
C 1337	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b3
C 1338	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b3
C 1339	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b3
C 1340	CHIP CAP.	10uF	6.3V	B	JMK107BJ106MA-T	K22084806		1-	B	a3
C 1341	CHIP CAP.	0.022uF	16V	B	GRM155B11C223KA01D	K22128806		1-	B	a3
C 1342	CHIP CAP.	0.22uF	10V	B	GRM155B31A224KE18D	K22108808		1-	B	a3
C 1343	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a3
C 1344	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B2
C 1345	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B3
C 1346	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A4
C 1348	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 1349	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 1350	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A2
C 1351	CHIP CAP.	1uF	25V	B	GRM188B31E105KA75D	K22144815		1-	A	A2
C 1352	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 1353	CHIP CAP.	30pF	50V	CH	GRM1552C1H300JA01D	K22178223		1-2	B	c2
C 1353	CHIP CAP.	24pF	50V	CH	GRM1552C1H240JA01D	K22178221		3-	B	c2
C 1354	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 1355	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 1356	CHIP CAP.	0.22uF	10V	B	GRM155B31A224KE18D	K22108808		1-	A	C2
C 1357	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 1358	CHIP CAP.	10uF	6.3V	B	JMK107BJ106MA-T	K22084806		1-	A	C2
C 1359	CHIP CAP.	0.22uF	10V	B	GRM155B31A224KE18D	K22108808		1-	B	b3
C 1360	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	B	b3
C 1361	CHIP CAP.	180pF	50V	CH	GRM1552C1H181JA01D	K22179711		1-	B	a3
C 1362	CHIP CAP.	180pF	50V	CH	GRM1552C1H181JA01D	K22179711		1-	B	a3
C 1363	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a3
C 1364	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a3
C 1365	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a3
C 1367	CHIP CAP.	0.033uF	10V	B	GRM155B11A333KA01D	K22108803		1-	A	B2
C 1368	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 1369	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a3
C 1370	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	B2
C 1371	CHIP CAP.	0.033uF	10V	B	GRM155B11A333KA01D	K22108803		1-	A	B3
C 1372	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B3
C 1373	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	B	b3
C 1374	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	A	A4
C 1375	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A4
C 1376	CHIP CAP.	10pF	50V	CH	GRM1552C1H100BA01D	K22178297		1-	A	A2
C 1377	CHIP CAP.	11pF	50V	CH	GRM1552C1H110GA01D	K22179731		1-	A	A2
C 1379	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	A	A2
C 1381	CHIP CAP.	30pF	50V	CH	GRM1552C1H300JA01D	K22178223		1-	B	c2
C 1384	CHIP CAP.	56pF	50V	CH	GRM1552C1H560JA01D	K22178230		1-	B	c2
C 1386	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A1
C 1387	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A1
C 1388	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	C3
C 1389	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C3
C 1390	CHIP CAP.	0.22uF	10V	B	GRM155B31A224KE18D	K22108808		1-	A	B3
C 1391	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	A	B3
C 1392	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B2
C 1393	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	C2
C 1395	CHIP CAP.	0.022uF	16V	B	GRM155B11C223KA01D	K22128806		1-	A	B2
C 1396	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 1397	CHIP CAP.	180pF	50V	CH	GRM1552C1H181JA01D	K22179711		1-	A	B2
C 1398	CHIP CAP.	180pF	50V	CH	GRM1552C1H181JA01D	K22179711		1-	A	B2
C 1399	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B2
C 1400	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A1
C 1402	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A1
C 1403	CHIP CAP.	330pF	50V	C0G	GRM1555C1H331JA01D	K22179744		1-	A	A1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1404	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	B	c2
C 1405	CHIP CAP.	3pF	50V	CJ	GRM1553C1H3R0CA01D	K22178205		1-	A	A2
C 1407	CHIP CAP.	15pF	50V	CH	GRM1552C1H150JA01D	K22178216		1-	B	c1
C 1408	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A1
C 1409	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c1
C 1410	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c1
C 1411	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b2
C 1412	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b1
C 1413	CHIP CAP.	33pF	50V	CH	GRM1552C1H330JA01D	K22178224		1-	B	b1
C 1416	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	B	a1
C 1417	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a1
C 1418	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a2
C 1419	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	C1
C 1420	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B3
C 1421	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b3
C 1422	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B3
C 1423	CHIP CAP.	4pF	50V	CH	GRM1552C1H4R0BA01D	K22178291	EUROPE	1-	A	A1
C 1423	CHIP CAP.	4pF	50V	CH	GRM1552C1H4R0BA01D	K22178291	EXPORT	1-	A	A1
C 1423	CHIP CAP.	5pF	50V	CH	GRM1552C1H5R0BA01D	K22178292	EXPORT	3-	A	A1
C 1423	CHIP CAP.	5pF	50V	CH	GRM1552C1H5R0BA01D	K22178292	USA	1-	A	A1
C 1425	CHIP CAP.	7pF	50V	CH	GRM1552C1H7R0DA01D	K22178209		1-2	A	A1
C 1425	CHIP CAP.	7pF	50V	CH	GRM1552C1H7R0DA01D	K22178209	EUROPE	3-	A	A1
C 1425	CHIP CAP.	6pF	50V	CH	GRM1552C1H6R0DA01D	K22178208	EXPORT	3-	A	A1
C 1425	CHIP CAP.	6pF	50V	CH	GRM1552C1H6R0DA01D	K22178208	USA	3-	A	A1
C 1426	CHIP CAP.	6pF	50V	CH	GRM1552C1H6R0DA01D	K22178208		1-	A	A1
C 1427	CHIP CAP.	12pF	50V	CH	GRM1552C1H120GA01D	K22179723		1-	A	A1
C 1428	CHIP CAP.	43pF	50V	CH	GRM1552C1H430JA01D	K22178227		1-	B	c1
C 1429	CHIP CAP.	47pF	50V	CH	GRM1552C1H470JA01D	K22178228		1-	A	A1
C 1429	CHIP CAP.	62pF	50V	CH	GRM1552C1H620JA01D	K22178231		3-	A	A1
C 1430	CHIP CAP.	27pF	50V	CH	GRM1552C1H270JA01D	K22178222		1-	B	c1
C 1431	CHIP CAP.	7pF	50V	CH	GRM1552C1H7R0DA01D	K22178209		1-2	B	c1
C 1431	CHIP CAP.	8pF	50V	CH	GRM1552C1H8R0DA01D	K22178210	EUROPE	3-	B	c1
C 1431	CHIP CAP.	8pF	50V	CH	GRM1552C1H8R0DA01D	K22178210	EXPORT	3-	B	c1
C 1431	CHIP CAP.	7pF	50V	CH	GRM1552C1H7R0DA01D	K22178209	USA	3-	B	c1
C 1432	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A1
C 1433	CHIP CAP.	7pF	50V	CH	GRM1552C1H7R0DA01D	K22178209		1-	B	c1
C 1434	CHIP CAP.	5pF	50V	CH	GRM1552C1H5R0CA01D	K22178207		1-	B	c1
C 1435	CHIP CAP.	47pF	50V	CH	GRM1552C1H470JA01D	K22178228		1-	B	b1
C 1436	CHIP CAP.	22pF	50V	CH	GRM1552C1H220GA01D	K22179707		1-	B	b1
C 1437	CHIP CAP.	82pF	50V	CH	GRM1552C1H820JA01D	K22178234		1-	B	b1
C 1438	CHIP CAP.	33pF	50V	CH	GRM1552C1H330JA01D	K22178224		1-	A	B2
C 1439	CHIP CAP.	33pF	50V	CH	GRM1552C1H330JA01D	K22178224		1-	B	b3
C 1440	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	B	a1
C 1441	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	B	a1
C 1442	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a1
C 1443	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	B	a2
C 1444	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a1
C 1445	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	C1
C 1446	CHIP CAP.	0.0018uF	50V	B	GRM155B11H182KA01D	K22178812		1-	A	B3
C 1447	CHIP CAP.	0.0018uF	50V	B	GRM155B11H182KA01D	K22178812		1-	A	B3
C 1448	CHIP CAP.	0.0068uF	25V	B	GRM155B11E682KA01D	K22148803		1-	A	B3
C 1449	CHIP CAP.	0.0068uF	25V	B	GRM155B11E682KA01D	K22148803		1-	B	b3
C 1450	CHIP CAP.	820pF	50V	B	GRM155B11H821KA01D	K22178808		1-	A	B3
C 1451	CHIP CAP.	820pF	50V	B	GRM155B11H821KA01D	K22178808		1-	B	b3
C 1452	CHIP CAP.	0.0018uF	50V	B	GRM155B11H182KA01D	K22178812		1-	B	b3
C 1453	CHIP CAP.	0.0018uF	50V	B	GRM155B11H182KA01D	K22178812		1-	B	b3
C 1454	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B2
C 1455	CHIP CAP.	10pF	50V	CH	GRM1552C1H100BA01D	K22178297		1-	A	A1
C 1456	CHIP CAP.	10pF	50V	CH	GRM1552C1H100BA01D	K22178297		1-	A	A1
C 1459	CHIP CAP.	43pF	50V	CH	GRM1552C1H430JA01D	K22178227		1-	B	c1
C 1460	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	A	A1
C 1461	CHIP CAP.	47pF	50V	CH	GRM1552C1H470JA01D	K22178228		1-	B	c1
C 1462	CHIP CAP.	18pF	50V	CH	GRM1552C1H180JA01D	K22178218		1-	B	c1
C 1464	CHIP CAP.	82pF	50V	CH	GRM1552C1H820JA01D	K22178234		1-	B	b1
C 1465	CHIP CAP.	15pF	50V	CH	GRM1552C1H150JA01D	K22178216		1-	B	b1
C 1466	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1467	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1468	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1469	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1471	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	A	B3
C 1472	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	B	b4
C 1473	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B3
C 1474	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b4

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 1475	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b4
C 1476	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	B4
C 1477	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	A4
C 1478	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A1
C 1479	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	B	b3
C 1480	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	B	b3
C 1482	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 1483	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	C1
C 1484	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c3
C 1485	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B2
C 1486	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b4
C 1487	CHIP CAP.	22pF	50V	CH	GRM1552C1H220JA01D	K22178220		1-	B	b4
C 1488	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	b4
C 1489	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 1490	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1491	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1492	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1493	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1494	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1495	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1496	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c4
C 1498	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B3
C 1499	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1500	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B3
C 1501	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b2
C 1502	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a2
C 1503	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	c3
C 1504	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	B	c3
C 1505	CHIP CAP.	0.022uF	16V	B	GRM155B11C223KA01D	K22128806		1-	A	B3
C 1506	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	B	b3
C 1508	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	B	b3
C 1512	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b4
C 1513	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 1514	CHIP CAP.	6pF	50V	CH	GRM1552C1H6R0DA01D	K22178208		1-	A	A1
C 1516	CHIP CAP.	22uF	10V	X5R	GRM188R61A226ME15D	K22101808		1-	B	c3
C 1517	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A3
C 1520	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c4
C 1521	CHIP CAP.	0.47uF	25V	X5R	GRM155R61E474KE01D	K22148840		1-	A	B2
C 1522	CHIP CAP.	0.0033uF	50V	B	GRM155B11H332KA01D	K22178815		1-	A	B3
C 1523	CHIP CAP.	22uF	25V	X5R	GRM21BR61E226ME44L	K22140830		1-	A	C4
C 1524	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	C3
C 1525	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	B	b3
C 1529	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	C3
C 1530	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b3
C 1531	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		4-	A	A2
C 1532	CHIP CAP.	1uF	16V	B	GRM155B31C105KA12D	K22128817		4-	A	A2
C 1533	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		4-	A	B2
C 1534	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		6-	A	A3
C 1535	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		6-	A	A3
C 1536	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		6-	B	c4
D 1001	DIODE				1SS362FV	G2071660		1-	A	A1
D 1002	DIODE				1SS362FV	G2071660		1-	A	A2
D 1003	DIODE				DZ2702400L	G2071544		1-	B	c4
D 1004	DIODE				M1FM3-6063	G2071090		1-	B	a4
D 1005	DIODE				1SS400G T2R	G2070934		1-	A	A1
D 1006	DIODE				1SS385FV(TPL3.Z)	G2071246		1-	A	A1
D 1007	DIODE				1SS400G T2R	G2070934		1-	A	A2
D 1008	DIODE				1SS400G T2R	G2070934		1-	B	b2
D 1009	DIODE				1SS400G T2R	G2070934		1-	B	b1
D 1010	DIODE				1SS400G T2R	G2070934		1-	B	b1
D 1011	DIODE				RB551V-30 TE-17	G2070892		1-	B	c4
D 1012	DIODE				RB060MM-30TR	G2071566		1-	B	a4
D 1013	DIODE				RB751G-40T2R	G2071066		1-	B	a4
D 1014	DIODE				1SS381.H3F(T	G2071552		1-	A	B1
D 1015	DIODE				JDP2S04E(TAPE)	G2071180		1-	A	B1
D 1016	DIODE				1SV281(TPH3.F)	G2070620		1-	A	B1
D 1017	DIODE				1SS381.H3F(T	G2071552		1-	B	b2
D 1018	DIODE				JDP2S04E(TAPE)	G2071180		1-	B	b2
D 1019	DIODE				1SV281(TPH3.F)	G2070620		1-	B	b2
D 1020	DIODE				JDP2S02AFS(TPL3)	G2071434		1-	A	B2
D 1021	DIODE				1SV325(TPH3.F)	G2070848		1-	A	B2
D 1022	DIODE				1SV325(TPH3.F)	G2070848		1-	B	b2
D 1023	DIODE				1SV325(TPH3.F)	G2070848		1-	A	B2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
D 1024	DIODE				1SV325(TPH3.F)	G2070848		1-	B	b2
D 1025	DIODE				DAN222M T2L	G2070936		1-	B	b1
D 1026	DIODE				JDP2S02AFS(TPL3)	G2071434		1-	B	b2
D 1027	DIODE				JDP2S02AFS(TPL3)	G2071434		1-	B	b1
D 1028	DIODE				JDP2S02AFS(TPL3)	G2071434		1-	B	b1
D 1031	DIODE				M1FM3-6063	G2071090		1-	B	b5
D 1032	DIODE				1SV305(TPH3)	G2070942		1-	A	B1
D 1033	DIODE				1SV305(TPH3)	G2070942		1-	A	B1
D 1034	DIODE				1SV281(TPH3.F)	G2070620		1-	A	B1
D 1035	DIODE				1SV281(TPH3.F)	G2070620		1-	B	b2
D 1036	DIODE				JDV2S07FS(TPL3.F)	G2071242		1-	A	B2
D 1037	DIODE				JDV2S07FS(TPL3.F)	G2071242		1-	B	b2
D 1038	DIODE				1SV325(TPH3.F)	G2070848		1-	A	B2
D 1039	DIODE				1SV325(TPH3.F)	G2070848		1-	A	B2
D 1040	DIODE				JDV2S07FS(TPL3.F)	G2071242		1-	A	B2
D 1041	DIODE				JDV2S07FS(TPL3.F)	G2071242		1-	B	b2
D 1042	DIODE				1SV325(TPH3.F)	G2070848		1-	B	b2
D 1043	DIODE				1SV325(TPH3.F)	G2070848		1-	B	b2
D 1044	DIODE				1SV325(TPH3.F)	G2070848		1-	B	b1
D 1045	DIODE				1SV325(TPH3.F)	G2070848		1-	B	b1
D 1046	DIODE				1SV281(TPH3.F)	G2070620		1-	A	B1
D 1047	DIODE				1SV281(TPH3.F)	G2070620		1-	A	C1
D 1048	DIODE				1SV281(TPH3.F)	G2070620		1-	B	a2
D 1049	DIODE				1SV281(TPH3.F)	G2070620		1-	B	a2
D 1050	DIODE				1SV325(TPH3.F)	G2070848		1-	B	b2
D 1051	DIODE				1SV325(TPH3.F)	G2070848		1-	B	b2
D 1052	DIODE				1SV325(TPH3.F)	G2070848		1-	A	B2
D 1053	DIODE				1SV325(TPH3.F)	G2070848		1-	A	B2
D 1054	DIODE				DAN222M T2L	G2070936		1-	B	b1
D 1055	DIODE				1SS385FV(TPL3.Z)	G2071246		1-	B	a1
D 1056	DIODE				1SS400G T2R	G2070934		1-	A	B1
D 1057	DIODE				1SS400G T2R	G2070934		1-	A	C1
D 1058	DIODE				1SS400G T2R	G2070934		1-	B	a2
D 1059	DIODE				1SS400G T2R	G2070934		1-	A	B2
D 1060	DIODE				1SS400G T2R	G2070934		1-	B	a2
D 1061	DIODE				1SS400G T2R	G2070934		1-	B	b1
D 1062	DIODE				DAN222M T2L	G2070936		1-	A	A2
D 1063	DIODE				DAN222M T2L	G2070936		1-	A	B4
D 1064	DIODE				DA221M T2L	G2070940		1-	A	B4
D 1065	DIODE				DAN222M T2L	G2070936		1-	A	B3
D 1066	DIODE				DA221M T2L	G2070940		1-	B	a4
D 1067	DIODE				DA221M T2L	G2070940		1-	A	C2
D 1068	DIODE				DA221M T2L	G2070940		1-	B	a2
D 1070	DIODE				RB751S-40TE61	G2070850		1-	B	b3
D 1071	DIODE				UDZS TE-17 20B	G2071016		1-	A	A2
D 1072	DIODE				RB751S-40TE61	G2070850		1-	A	C2
D 1075	DIODE				L5208F	G2071526		1-	A	A1
D 1076	DIODE				1SV271(TPH3.F)	G2070476		1-	A	A1
D 1078	DIODE				1SV307(TPH3.F)	G2070638		1-	A	A1
D 1079	DIODE				1SV307(TPH3.F)	G2070638		1-	B	c1
D 1080	DIODE				1SV307(TPH3.F)	G2070638		1-	B	c1
D 1081	DIODE				1SV271(TPH3.F)	G2070476		1-	A	A1
D 1083	SURGE ABSORBER				EZAEG2A50AX	Q9000868		1-	A	A1
D 1084	DIODE				1SS400G T2R	G2070934		1-	A	B2
FB1001	CHIP COIL				BLM21PG300SN1D	L1690840		1-	A	B2
FB1002	CHIP COIL				BLM21PG300SN1D	L1690840		1-	B	a4
FB1003	CHIP COIL				BLM21PG300SN1D	L1690840		1-	B	a4
FB1004	FERRITE BEADS				BLM15AX300SN1D	L9190206		1-	A	B2
J 1001	CONNECTOR				DC-340-001-00	P0091507		1-	A	C4
J 1002	CONNECTOR				AXK6S60437YG	P0091658		1-	A	A3
J 1003	CONTACT				OG-363050	S5000324		1-	A	A5
J 1004	CONTACT				OG-363050	S5000324		1-	A	A4
J 1005	GROUNDING TEAMINAL				IMSA-4056T-01Y900	Q5000170		1-	B	a4
J 1006	GROUNDING TEAMINAL				IMSA-4056T-01Y900	Q5000170		1-	B	b4
J 1007	GROUNDING TEAMINAL				IMSA-4056T-01Y900	Q5000170		1-	B	b5
JP1001	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000	VER A2	4-	B	c4
JP1001	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000	VER B2	4-	B	c4
JP1002	WIRE ASSY				GRN 25 2/2	T50502500		1-5	B	a4
L 1001	M.RFC	0.01uH		5%	C1005C-10NJ-RF	L1691347		1-	A	A1
L 1002	M.RFC	0.018uH		5%	C1005C-18NJ-RF	L1691363		1-	A	A1
L 1004	CHIP COIL	0.1uH		2%	LQW18ANR10G00D	L1690892		1-	B	b1
L 1005	M.RFC	0.0082uH			HK1005 8N2J-T	L1691276		1-	A	A1
L 1006	M.RFC	0.0047uH			HK1005 4N7S-T	L1691280		1-	A	A1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
L 1009	M.RFC	0.022uH			HK1005 22NJ-T	L1691381		1-	A	B1
L 1010	M.RFC	0.068uH		2%	C1608CB-68NG-RF	L1691042		1-	A	A1
L 1011	M.RFC	0.056uH		5%	C1005C-56NJ-RF	L1691557		1-	A	A2
L 1012	M.RFC	10uH			LK1608 100K-T	L1690689		1-	A	A1
L 1013	M.RFC	10uH			LK1608 100K-T	L1690689		1-	A	B1
L 1014	M.RFC	1uH		20%	SRP4020TA-1R0M	L1692144		1-	B	a4
L 1015	M.RFC	0.01uH		5%	C1005C-10NJ-RF	L1691347		1-	A	A1
L 1016	M.RFC	0.0068uH			HK1005 6N8J-T	L1691277		1-	A	B1
L 1017	CHIP COIL	0.0068uH			LQW18AN6N8C00D	L1690879		1-	A	B1
L 1018	M.RFC	0.01uH		2%	C1608CB-10NG-RF	L1691032		1-	A	B1
L 1019	CHIP COIL	0.0068uH			LQW18AN6N8C00D	L1690879		1-	B	b2
L 1020	M.RFC	0.01uH		2%	C1608CB-10NG-RF	L1691032		1-	B	b2
L 1021	M.RFC	0.15uH		2%	C1608CB-R15G-RF	L1691101		1-	A	B2
L 1022	M.RFC	0.15uH		2%	C1608CB-R15G-RF	L1691101		1-	B	b2
L 1023	M.RFC	0.68uH			LK1608 R68K-T	L1690416		1-	B	b1
L 1024	M.RFC	0.33uH		2%	C1608CB-R33G-RF	L1691106		1-	B	b1
L 1025	M.RFC				LBM2016T221J	L1691858		1-	A	B1
L 1026	M.RFC	22uH		20%	LQH2MPN220MGRL	L1692146		1-	B	b4
L 1027	M.RFC	2.2uH		20%	LQH2HPN2R2MGRL	L1691988		1-	B	b4
L 1028	M.RFC	2.2uH		20%	LQH2HPN2R2MGRL	L1691988		1-	B	b4
L 1029	M.RFC	3.3uH		20%	SRP4020TA-3R3M	L1691830		1-	B	a4
L 1030	M.RFC	0.0027uH		5%	C1005C-2N7J-RF	L1691338		1-	A	B1
L 1031	M.RFC	0.01uH		2%	C1608CB-10NG-RF	L1691032		1-	A	B1
L 1032	M.RFC	0.01uH		2%	C1608CB-10NG-RF	L1691032		1-	B	b2
L 1033	M.RFC	0.082uH		2%	C1608CB-82NG-RF	L1691044		1-	A	B2
L 1034	M.RFC	0.082uH		2%	C1608CB-82NG-RF	L1691044		1-	A	B2
L 1035	M.RFC	0.082uH		2%	C1608CB-82NG-RF	L1691044		1-	B	b2
L 1036	M.RFC	0.082uH		2%	C1608CB-82NG-RF	L1691044		1-	B	b2
L 1037	M.RFC	0.33uH		2%	C1608CB-R33G-RF	L1691106		1-	B	b1
L 1038	M.RFC	0.0027uH		5%	C1005C-2N7J-RF	L1691338		1-	A	B1
L 1039	M.RFC	0.0047uH			HK1005 4N7S-T	L1691280		1-	A	C1
L 1040	M.RFC	0.01uH		2%	C1608CB-10NG-RF	L1691032		1-	A	B1
L 1041	M.RFC	0.01uH		2%	C1608CB-10NG-RF	L1691032		1-	A	C1
L 1042	M.RFC	0.01uH		2%	C1608CB-10NG-RF	L1691032		1-	B	a2
L 1043	M.RFC	0.01uH		2%	C1608CB-10NG-RF	L1691032		1-	B	a2
L 1044	M.RFC	0.082uH		2%	C1608CB-82NG-RF	L1691044		1-	A	B2
L 1045	M.RFC	0.082uH		2%	C1608CB-82NG-RF	L1691044		1-	B	b2
L 1046	M.RFC	0.39uH			LK1608 R39K-T	L1690413		1-	A	B1
L 1047	M.RFC	0.39uH		2%	C1608CB-R39G-RF	L1691107		1-	B	a2
L 1048	CHIP COIL	0.039uH		2%	LQW18AN39NG00D	L1690887		1-	B	b2
L 1049	M.RFC	0.01uH		2%	C1608CB-10NG-RF	L1691032		1-	B	c3
L 1050	COIL	0.0411uH			F2309C	L0023028		1-	B	c2
L 1051	CHIP COIL	0.027uH		2%	LQW18AN27NG00D	L1690885		1-	B	c2
L 1052	M.RFC	0.33uH		2%	C1608CB-R33G-RF	L1691106		1-	A	C2
L 1053	M.RFC	0.33uH		2%	C1608CB-R33G-RF	L1691106		1-	B	a2
L 1054	CHIP COIL	0.22uH		2%	LQW18ANR22G00D	L1690896		1-	B	b4
L 1055	M.RFC	0.33uH			LK1608 R33K-T	L1690412		1-	B	b2
L 1056	CHIP COIL	0.015uH		2%	LQW18AN15NG00D	L1690882		1-	B	c2
L 1057	COIL				E2 0.3-0.9-3T-R	L0022389		1-	B	c2
L 1059	CHIP COIL	0.22uH		2%	LQW18ANR22G00D	L1690896		1-	B	b3
L 1060	CHIP COIL	0.22uH		2%	LQW18ANR22G00D	L1690896		1-	B	c3
L 1061	M.RFC	0.33uH			LK1608 R33K-T	L1690412		1-	A	B3
L 1062	COIL	0.064uH			ASs031021-65R8NJ	L0023003		1-	A	A2
L 1063	M.RFC	2.2uH		10%	LK1005 2R2K-T	L1691716		1-	A	A2
L 1064	M.RFC	2.2uH		10%	LK1005 2R2K-T	L1691716		1-	A	A2
L 1065	COIL				E2 0.3-1.0-6T-L	L0022490		1-	B	c2
L 1066	COIL	0.0054uH			ASs050321-5R3NJ	L0022581		1-	A	A2
L 1067	COIL	0.022uH			F2305C	L0023024		1-	A	A1
L 1068	M.RFC	4.7uH			LK1608 4R7K-T	L1690688		1-	A	A1
L 1070	COIL	0.022uH			F2305C	L0023024		1-	A	A1
L 1071	M.RFC	4.7uH			LK1608 4R7K-T	L1690688		1-	B	c1
L 1072	COIL	0.0399uH			F2308C	L0023027		1-	B	c1
L 1073	M.RFC	0.012uH		2%	C1608CB-12NG-RF	L1691033		1-	A	A1
L 1074	M.RFC	0.47uH		10%	LK1005 R47K-T	L1691714		1-	A	A1
L 1075	COIL	0.0399uH			F2308C	L0023027		1-	B	b1
L 1076	COIL	0.0167uH			F2304C	L0023023		1-	A	A1
L 1077	M.RFC	0.47uH		10%	LK1005 R47K-T	L1691714		1-	A	A1
L 1078	COIL	0.0167uH			F2304C	L0023023		1-	A	A1
L 1079	COIL	0.0399uH			F2308C	L0023027		1-	B	c1
L 1080	COIL	0.0399uH			F2308C	L0023027		1-	B	c1
L 1081	COIL	0.0336uH			F2307C	L0023026		1-	A	A1
L 1082	M.RFC	0.12uH		2%	C1608CB-R12G-RF	L1691100		1-	B	b1
L 1083	COIL	0.022uH			F2305C	L0023024		1-	A	A1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
L 1084	COIL	0.0167uH			F2304C	L0023023		1-	A	A1
L 1085	COIL	0.0411uH			F2309C	L0023028		1-	B	c1
L 1086	M.RFC	0.12uH		2%	C1608CB-R12G-RF	L1691100		1-	B	b1
L 1087	M.RFC	0.12uH		2%	C1608CB-R12G-RF	L1691100		1-	B	b1
L 1088	CHIP COIL	2.2uH		20%	LQM18PN2R2MGHD	L1691860		1-	B	b5
L 1089	M.RFC	22uH		20%	LQH2MPN220MGRL	L1692146		1-	B	c4
L 1090	M.RFC	0.033uH		5%	C1005C-33NJ-RF	L1691554		1-	B	c1
L 1090	M.RFC	0.033uH		2%	C1608CB-33NG-RF	L1691038		4-	B	c1
P 1001	SPRING CONECTOR				MS0038-40	S5000228		1-	B	b1
P 1002	SPRING CONECTOR				MS0038-40	S5000228		1-	B	b1
P 1003	SPRING CONECTOR				MS0038-40	S5000228		1-	B	b1
Q 1001	TRANSISTOR				DTC144EM T2L	G3070309		1-	B	a2
Q 1002	TRANSISTOR				DTC143ZM	G3070400		1-	B	c4
Q 1003	TRANSISTOR				MT4S300U	G4070024		1-	A	A1
Q 1004	TRANSISTOR				2SC5488A-TL	G3354888A		1-	A	A2
Q 1005	TRANSISTOR				2SC5488A-TL	G3354888A		1-	B	b2
Q 1006	TRANSISTOR				2SC5488A-TL	G3354888A		1-	B	b1
Q 1007	TRANSISTOR				2SC5488A-TL	G3354888A		1-	B	b1
Q 1008	TRANSISTOR				2SC5488A-TL	G3354888A		1-	A	B1
Q 1009	TRANSISTOR				DTA114TE TL	G3070264		1-	B	a2
Q 1010	TRANSISTOR				DTA114TE TL	G3070264		1-	B	a2
Q 1011	TRANSISTOR				2SD2211 T100 QR	G3422117Q		1-	B	c4
Q 1012	TRANSISTOR				DTC143ZM	G3070400		1-	B	c4
Q 1013	TRANSISTOR				DTC144EM T2L	G3070309		1-	B	a2
Q 1014	FET				RRL035P03TR	G3070490		1-	A	B2
Q 1015	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	B2
Q 1016	IC				TPS62135RGXR	G1095636		1-	B	a4
Q 1017	TRANSISTOR				2SC5488A-TL	G3354888A		1-	A	A1
Q 1018	TRANSISTOR				2SC5488A-TL	G3354888A		1-	A	B1
Q 1019	TRANSISTOR				2SC4915-O(TE85L.F)	G3349158O		1-	A	B1
Q 1020	TRANSISTOR				2SC4915-O(TE85L.F)	G3349158O		1-	B	b2
Q 1021	IC				SI4730-D60-GMR	G1095486		1-	A	B1
Q 1022	IC				R1202L311B-TR	G1095646		1-	B	b4
Q 1023	IC				TPS62172DSGR	G1095062		1-	B	b4
Q 1024	FET				RRL035P03TR	G3070490		1-	A	A2
Q 1025	IC				TPS62170DSGR	G1095094		1-	B	b4
Q 1026	TRANSISTOR				2SC5646A(TAPE)	G3356468		1-	A	B1
Q 1027	TRANSISTOR				2SC5646A(TAPE)	G3356468		1-	B	a2
Q 1028	IC				NJU7007F3-TE1	G1093617		1-	A	B4
Q 1029	TRANSISTOR				2SC5488A-TL	G3354888A		1-	A	B1
Q 1030	TRANSISTOR				2SC5646A(TAPE)	G3356468		1-	A	C1
Q 1031	TRANSISTOR				2SC5646A(TAPE)	G3356468		1-	B	a2
Q 1032	TRANSISTOR				2SC5646A(TAPE)	G3356468		1-	A	B2
Q 1033	TRANSISTOR				2SC5646A(TAPE)	G3356468		1-	B	a2
Q 1034	TRANSISTOR				2SC5646A(TAPE)	G3356468		1-	B	a1
Q 1035	IC				NJU7007F3-TE1	G1093617		1-	A	B4
Q 1036	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	A	B4
Q 1037	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	B4
Q 1038	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	C4
Q 1039	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	A	B3
Q 1040	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	B3
Q 1041	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	B3
Q 1042	TRANSISTOR				DTC144EM T2L	G3070309		1-	B	b3
Q 1043	TRANSISTOR				2SC5086-O	G3350868O		1-	B	b3
Q 1044	TRANSISTOR				2SA1774 TL R	G3117748R		1-	B	b4
Q 1045	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	B4
Q 1046	TRANSISTOR				DTC144TM T2L	G3070401		1-	A	B4
Q 1047	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	C4
Q 1048	TRANSISTOR				DTC144TM T2L	G3070401		1-	A	B3
Q 1049	IC				NJM8532RB1(TE1)	G1095703		1-	A	A2
Q 1050	TRANSISTOR				DTC144EM T2L	G3070309		1-	B	b3
Q 1051	FET				RD01MUS2-T513	G3070544		1-	B	c3
Q 1052	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	A3
Q 1053	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	A	A3
Q 1054	TRANSISTOR				2SA1774 TL R	G3117748R		1-	B	c3
Q 1055	TRANSISTOR				2SC4915-O(TE85L.F)	G3349158O		1-	A	C2
Q 1056	TRANSISTOR				2SC4915-O(TE85L.F)	G3349158O		1-	B	a2
Q 1057	IC				AK1574	G1095614		1-	B	b4
Q 1058	IC				TC75S51FU(TE85L.F)	G1094194		1-	A	A2
Q 1059	IC				AK1574	G1095614		1-	B	c3
Q 1060	TRANSISTOR				2SC4915-O(TE85L.F)	G3349158O		1-	B	b3
Q 1061	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	C3
Q 1062	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	C2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
Q 1063	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	C2
Q 1064	TRANSISTOR				2SC4915-O(TE85L.F)	G3349158O		1-	A	B3
Q 1067	FET				RD09MUP2(TAPE)	G3070367		1-	B	c2
Q 1070	IC				AK2365A	G1095182		1-	B	a3
Q 1071	IC				AK2365A	G1095182		1-	A	C2
Q 1072	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	B	b3
Q 1073	FET				SSM3J16FS(TE85L.F)	G3070429		1-	A	B3
Q 1074	FET				SSM3J16FS(TE85L.F)	G3070429		1-	B	b3
Q 1075	IC				TS3A24159DGSRG4	G1094892		1-	A	B2
Q 1076	TRANSISTOR				DTC143ZE TL	G3070102		1-	A	A4
Q 1077	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	A	B3
Q 1078	FET				RTM002P02(TAPE)	G3070347		1-	B	a1
Q 1079	TRANSISTOR				DTC144EM T2L	G3070309		1-	B	a2
Q 1080	TRANSISTOR				DTA114TE TL	G3070264		1-	B	a1
Q 1081	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	C1
Q 1082	TRANSISTOR				DTA114TE TL	G3070264		1-	A	C1
Q 1083	TRANSISTOR				EMB3 T2R	G3070303		1-	B	a1
Q 1084	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	A	B3
Q 1085	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	B	b3
Q 1086	IC				NJU3713AV(TE1)	G1094850		1-	A	B2
Q 1087	TRANSISTOR				DTC143ZM	G3070400		1-	A	A1
Q 1088	FET				RTM002P02(TAPE)	G3070347		1-	B	a1
Q 1089	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	C1
Q 1090	TRANSISTOR				DTA114TE TL	G3070264		1-	A	C1
Q 1091	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	C1
Q 1092	TRANSISTOR				EMB3 T2R	G3070303		1-	A	C1
Q 1093	TRANSISTOR				DTC144EM T2L	G3070309		1-	B	a1
Q 1094	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	A	B3
Q 1095	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	B	b4
Q 1096	IC				R2A20178NP	G1094776		1-	A	B4
Q 1098	TRANSISTOR				UMW1 TR	G3070078		1-	A	A3
Q 1099	TRANSISTOR				CPH6102-TL	G3070223		1-	A	A3
Q 1100	TRANSISTOR				2SA2029 T2L Q/R	G3120298		1-	A	A3
Q 1101	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	A3
Q 1102	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	A2
Q 1103	TRANSISTOR				2SA2029 T2L Q/R	G3120298		1-	A	A2
Q 1104	IC				TS3A24159DGSRG4	G1094892		1-	A	A3
Q 1105	IC				NJU3713AV(TE1)	G1094850		1-	A	A2
Q 1106	IC				BA2902KN	G1094201		1-	A	B3
Q 1107	IC				BA2902KN	G1094201		1-	A	B4
Q 1108	IC				BA2902KN	G1094201		1-	B	a3
Q 1109	IC				LMV358IDGKR	G1093968		1-	A	B2
Q 1110	IC				LMV358IDGKR	G1093968		1-	B	b3
Q 1111	IC				NJG1806K75	G1095640		1-	A	B3
Q 1112	FET				2SK3541 T2L	G3835417		1-	A	C3
Q 1113	FET				2SK3541 T2L	G3835417		1-	B	b3
Q 1114	FET				2SK3541 T2L	G3835417		1-2	A	A2
Q 1116	FET				2SK3541 T2L	G3835417		1-	A	C3
Q 1117	FET				2SK3541 T2L	G3835417		1-	B	b3
Q 1118	FET				RTM002P02(TAPE)	G3070347		4-	A	A2
Q 1119	TRANSISTOR				DTC144EM T2L	G3070309		4-	A	A2
R 1001	CHIP RES.	5.6	1/16W	5%	RMC1/16S 5R6JTH	J24189067		1-	B	b1
R 1002	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	b1
R 1003	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	c4
R 1004	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	c4
R 1005	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	c4
R 1006	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	c4
R 1007	CHIP RES.	39	1/16W	5%	RMC1/16S 390JTH	J24189008		1-	B	c4
R 1008	CHIP RES.	39	1/16W	5%	RMC1/16S 390JTH	J24189008		1-	B	c4
R 1009	CHIP RES.	39	1/16W	5%	RMC1/16S 390JTH	J24189008		1-	B	c5
R 1010	CHIP RES.	39	1/16W	5%	RMC1/16S 390JTH	J24189008		1-	B	c5
R 1011	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	A	B1
R 1012	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1-	A	A1
R 1013	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1-	A	B1
R 1014	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1-	A	B1
R 1015	CHIP RES.	27k	1/16W	5%	RMC1/16S 273JTH	J24189042		1-	A	A2
R 1016	CHIP RES.	27k	1/16W	5%	RMC1/16S 273JTH	J24189042		1-	B	b2
R 1017	CHIP RES.	56k	1/16W	5%	RMC1/16S 563JTH	J24189046		1-	B	b1
R 1018	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	B	b1
R 1019	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b1
R 1020	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	B	b1
R 1021	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B1
R 1022	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1023	CHIP RES.	150	1/16W	5%	RMC1/16S 151JTH	J24189015		1-	A	B1
R 1024	CHIP RES.	5.6k	1/16W	5%	RMC1/16S 562JTH	J24189034		1-	B	c4
R 1025	CHIP RES.	6.8k	1/16W	5%	RMC1/16S 682JTH	J24189035		1-	B	c4
R 1027	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	c4
R 1028	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B2
R 1028	CHIP RES.	33k	1/16W	5%	RMC1/16S 333JTH	J24189043		3-	A	B2
R 1030	CHIP RES.	270k	1/16W	0.5%	MCR01MZPD2703	J24189329		1-	B	a4
R 1031	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A2
R 1033	CHIP RES.	51k	1/16W	1%	RMC1/16SK513FTH	J24189562		1-	B	a4
R 1034	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	A1
R 1036	CHIP RES.	47	1/16W	5%	RMC1/16S 470JTH	J24189009		1-	A	B1
R 1037	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B1
R 1038	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	B1
R 1039	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B1
R 1040	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B1
R 1041	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B1
R 1042	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B1
R 1043	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	b2
R 1044	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b2
R 1045	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	b2
R 1046	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	b2
R 1047	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b2
R 1048	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1-	A	B2
R 1049	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B2
R 1050	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B2
R 1051	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 1052	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1-	B	b2
R 1053	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	B	b1
R 1054	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	B	b2
R 1055	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	b2
R 1056	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b2
R 1057	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	b1
R 1058	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	B	b1
R 1059	CHIP RES.	680	1/16W	5%	RMC1/16S 681JTH	J24189023		1-	B	b1
R 1060	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	b1
R 1061	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	B1
R 1062	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	B1
R 1063	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	B1
R 1064	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	B1
R 1065	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B1
R 1066	CHIP RES.	4.7	1/16W	5%	RMC1/16S 4R7JTH	J24189066		1-	B	b5
R 1067	CHIP RES.	4.7	1/16W	5%	RMC1/16S 4R7JTH	J24189066		1-	B	b4
R 1068	CHIP RES.	100k	1/16W	1%	RMC1/16SK104FTH	J24189529		1-	B	b4
R 1070	CHIP RES.	100k	1/16W	1%	RMC1/16SK104FTH	J24189529		1-	B	b4
R 1071	CHIP RES.	330k	1/16W	0.5%	MCR01MZPD3303	J24189330		1-	B	b4
R 1072	CHIP RES.	120k	1/16W	0.5%	MCR01MZPD1203	J24189387		1-	B	b4
R 1073	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	B1
R 1074	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B1
R 1075	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B1
R 1076	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B1
R 1077	CHIP RES.	56k	1/16W	5%	RMC1/16S 563JTH	J24189046		1-	A	B1
R 1078	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	B1
R 1079	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b2
R 1080	CHIP RES.	56k	1/16W	5%	RMC1/16S 563JTH	J24189046		1-	B	b2
R 1081	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	B	b2
R 1082	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 1083	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 1084	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 1085	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b2
R 1086	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b2
R 1087	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	B	b1
R 1088	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b2
R 1089	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b1
R 1090	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b1
R 1091	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	B	b1
R 1092	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B1
R 1093	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B1
R 1095	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B4
R 1096	CHIP RES.	2.2M	1/16W	5%	RMC1/16S 225JTH	J24189065		1-	A	B4
R 1097	CHIP RES.	2.2M	1/16W	5%	RMC1/16S 225JTH	J24189065		1-	A	B4
R 1098	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B4
R 1099	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	A	B4
R 1100	CHIP RES.	150k	1/16W	5%	RMC1/16S 154JTH	J24189051		1-	A	B4

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1101	CHIP RES.	680	1/16W	5%	RMC1/16S 681JTH	J24189023		1-	A	B4
R 1102	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B4
R 1103	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 1104	CHIP RES.	680	1/16W	5%	RMC1/16S 681JTH	J24189023		1-	A	B3
R 1105	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	B	a3
R 1106	CHIP RES.	150k	1/16W	5%	RMC1/16S 154JTH	J24189051		1-	B	a3
R 1107	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B1
R 1108	CHIP RES.	560	1/16W	5%	RMC1/16S 561JTH	J24189022		1-	A	B1
R 1109	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C1
R 1110	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C1
R 1111	CHIP RES.	150k	1/16W	5%	RMC1/16S 154JTH	J24189051		1-	A	C1
R 1112	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	a2
R 1113	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	a2
R 1114	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	a2
R 1115	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 1116	CHIP RES.	56k	1/16W	5%	RMC1/16S 563JTH	J24189046		1-	B	a2
R 1117	CHIP RES.	56k	1/16W	5%	RMC1/16S 563JTH	J24189046		1-	A	B2
R 1118	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b2
R 1119	CHIP RES.	270k	1/16W	5%	RMC1/16S 274JTH	J24189054		1-	B	a1
R 1120	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	B	a2
R 1121	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	b1
R 1122	CHIP RES.	390k	1/16W	0.5%	MCR01MZPD3903	J24189331		1-	A	B4
R 1123	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B4
R 1124	CHIP RES.	2.2M	1/16W	5%	RMC1/16S 225JTH	J24189065		1-	A	B4
R 1125	CHIP RES.	2.2M	1/16W	5%	RMC1/16S 225JTH	J24189065		1-	A	B4
R 1126	CHIP RES.	390k	1/16W	0.5%	MCR01MZPD3903	J24189331		1-	A	B4
R 1127	CHIP RES.	560k	1/16W	5%	RMC1/16S 564JTH	J24189058		1-	A	B4
R 1128	CHIP RES.	33k	1/16W	5%	RMC1/16S 333JTH	J24189043		1-	A	B3
R 1129	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B3
R 1130	CHIP RES.	68k	1/16W	5%	RMC1/16S 683JTH	J24189047		1-	A	B3
R 1131	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B4
R 1132	CHIP RES.	68k	1/16W	5%	RMC1/16S 683JTH	J24189047		1-	A	B4
R 1133	CHIP RES.	390k	1/16W	5%	RMC1/16S 394JTH	J24189056		1-	A	B4
R 1134	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B3
R 1135	CHIP RES.	390k	1/16W	5%	RMC1/16S 394JTH	J24189056		1-	A	B4
R 1136	CHIP RES.	560k	1/16W	5%	RMC1/16S 564JTH	J24189058		1-	A	B3
R 1137	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B3
R 1138	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B3
R 1139	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a3
R 1140	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a3
R 1141	CHIP RES.	68k	1/16W	5%	RMC1/16S 683JTH	J24189047		1-	B	a3
R 1142	CHIP RES.	390k	1/16W	5%	RMC1/16S 394JTH	J24189056		1-	B	b3
R 1143	CHIP RES.	390k	1/16W	5%	RMC1/16S 394JTH	J24189056		1-	B	b3
R 1144	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	C1
R 1145	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	B	a2
R 1146	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	B2
R 1147	CHIP RES.	330	1/16W	5%	RMC1/16S 331JTH	J24189019		1-	B	a1
R 1148	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B4
R 1149	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B4
R 1150	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B4
R 1151	CHIP RES.	68k	1/16W	5%	RMC1/16S 683JTH	J24189047		1-	A	B4
R 1152	CHIP RES.	390k	1/16W	5%	RMC1/16S 394JTH	J24189056		1-	A	B4
R 1153	CHIP RES.	390k	1/16W	5%	RMC1/16S 394JTH	J24189056		1-	A	B4
R 1154	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 1155	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 1156	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B3
R 1157	CHIP RES.	68k	1/16W	5%	RMC1/16S 683JTH	J24189047		1-	B	a3
R 1158	CHIP RES.	390k	1/16W	5%	RMC1/16S 394JTH	J24189056		1-	B	a3
R 1159	CHIP RES.	390k	1/16W	5%	RMC1/16S 394JTH	J24189056		1-	B	b3
R 1160	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	b3
R 1161	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B3
R 1162	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A3
R 1163	CHIP RES.	270k	1/16W	5%	RMC1/16S 274JTH	J24189054		1-	A	B3
R 1164	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	c3
R 1165	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	c3
R 1166	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B2
R 1167	CHIP RES.	150	1/16W	5%	RMC1/16S 151JTH	J24189015		1-	A	C1
R 1168	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	c3
R 1169	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	c3
R 1170	CHIP RES.	560	1/16W	5%	RMC1/16S 561JTH	J24189022		1-	B	a2
R 1171	CHIP RES.	150	1/16W	5%	RMC1/16S 151JTH	J24189015		1-	B	a2
R 1172	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b4
R 1173	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	b4

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1174	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	b4
R 1175	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	b4
R 1176	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	B	b4
R 1177	CHIP RES.	33	1/16W	5%	RMC1/16S 330JTH	J24189007		1-	B	b4
R 1178	CHIP RES.	220k	1/16W	5%	RMC1/16S 224JTH	J24189053		1-	B	b4
R 1179	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B4
R 1180	CHIP RES.	12k	1/16W	5%	RMC1/16S 123JTH	J24189038		1-	A	B4
R 1181	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B4
R 1182	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B4
R 1183	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B3
R 1184	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B3
R 1185	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a3
R 1186	CHIP RES.	12k	1/16W	5%	RMC1/16S 123JTH	J24189038		1-	B	a4
R 1187	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	B	b2
R 1188	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	B	c3
R 1189	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	B	b2
R 1190	CHIP RES.	150k	1/16W	5%	RMC1/16S 154JTH	J24189051		1-	B	c3
R 1191	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	A3
R 1192	CHIP RES.	12k	1/16W	5%	RMC1/16S 123JTH	J24189038		1-	B	c3
R 1193	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	b3
R 1194	CHIP RES.	220k	1/16W	5%	RMC1/16S 224JTH	J24189053		1-	B	c3
R 1195	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	c3
R 1196	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	B	c3
R 1197	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	C2
R 1198	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C2
R 1199	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	B	a2
R 1200	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	a2
R 1201	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	b3
R 1202	CHIP RES.	390	1/16W	5%	RMC1/16S 391JTH	J24189020		1-	B	b3
R 1203	CHIP RES.	18k	1/16W	5%	RMC1/16S 183JTH	J24189040		1-	B	b4
R 1204	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	b4
R 1205	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	B	b4
R 1206	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B4
R 1207	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B4
R 1208	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C3
R 1209	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a3
R 1210	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a4
R 1212	CHIP RES.	180	1/16W	5%	RMC1/16S 181JTH	J24189016		1-	B	c2
R 1213	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A2
R 1214	CHIP RES.	390	1/16W	5%	RMC1/16S 391JTH	J24189020		1-	B	b3
R 1215	CHIP RES.	56k	1/16W	5%	RMC1/16S 563JTH	J24189046		1-	A	A2
R 1215	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		3-	A	A2
R 1216	CHIP RES.	18k	1/16W	5%	RMC1/16S 183JTH	J24189040		1-	B	b3
R 1217	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	b3
R 1218	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	B	b3
R 1219	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	B2
R 1220	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	B	a2
R 1221	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	b4
R 1222	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1-	B	b4
R 1223	CHIP RES.	220k	1/16W	5%	RMC1/16S 224JTH	J24189053		1-	B	b3
R 1224	CHIP RES.	560	1/16W	5%	RMC1/16S 561JTH	J24189022		1-	B	b2
R 1225	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	C2
R 1226	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C2
R 1227	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C2
R 1228	CHIP RES.	680	1/16W	5%	RMC1/16S 681JTH	J24189023		1-	B	c2
R 1229	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	B	c2
R 1231	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	A3
R 1232	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A2
R 1233	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b2
R 1235	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	A2
R 1236	CHIP RES.	270k	1/16W	5%	RMC1/16S 274JTH	J24189054		1-	B	b2
R 1238	CHIP RES.	22	1/16W	5%	RMC1/16S 220JTH	J24189005		1-	B	b3
R 1239	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	B	c3
R 1240	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	b3
R 1241	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	c3
R 1242	CHIP RES.	330k	1/16W	5%	RMC1/16S 334JTH	J24189055		1-	A	B3
R 1243	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	b3
R 1244	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	B3
R 1246	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	B	b3
R 1248	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000	VER A2	1-3		
R 1248	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000	VER B2	1-3		
R 1249	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		1-	A	A2
R 1250	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	B	c2

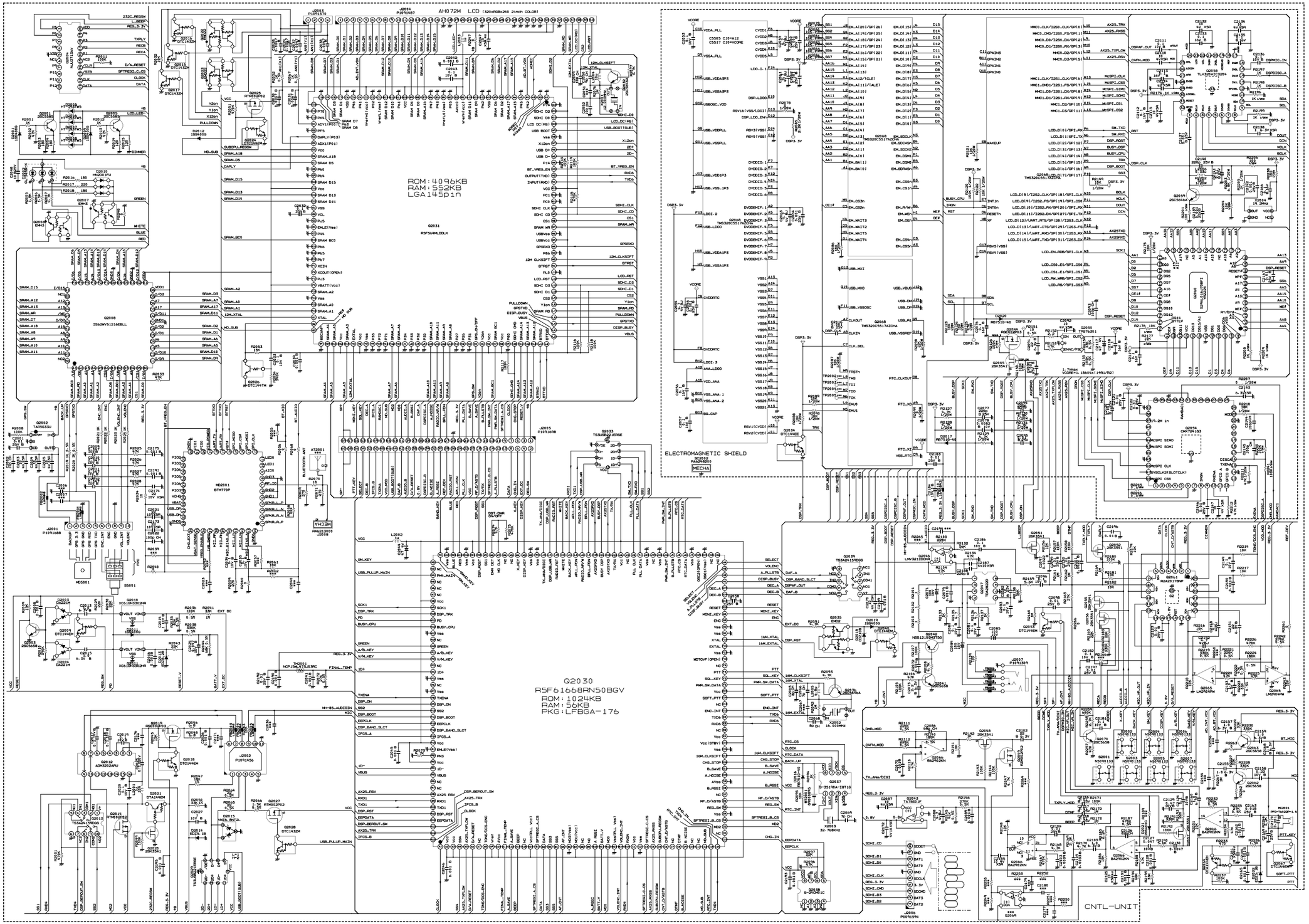
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1251	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 1252	CHIP RES.	470k	1/16W	0.5%	MCR01MZPD4703	J24189332		1-	A	A2
R 1253	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	C2
R 1256	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	C2
R 1257	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	b3
R 1258	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	a3
R 1261	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b3
R 1262	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	a3
R 1263	CHIP RES.	56k	1/16W	5%	RMC1/16S 563JTH	J24189046		1-	B	b3
R 1264	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	B	a3
R 1266	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	b3
R 1267	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a3
R 1268	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	a3
R 1269	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	B2
R 1270	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	A	B2
R 1271	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	B3
R 1272	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	A	B3
R 1273	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		1-	A	B3
R 1274	CHIP RES.	470k	1/16W	0.5%	MCR01MZPD4703	J24189332		1-	A	A2
R 1275	CHIP RES.	100k	1/16W	0.5%	MCR01MZPD1003	J24189386		1-	A	A2
R 1276	CHIP RES.	100k	1/16W	0.5%	MCR01MZPD1003	J24189386		1-	A	A2
R 1277	CHIP RES.	0.2	1/2W	1%	RLC32-R200FTP	J24279031		1-	A	A2
R 1278	CHIP RES.	0.2	1/2W	1%	RLC32-R200FTP	J24279031		1-	A	A2
R 1280	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C2
R 1281	CHIP RES.	56k	1/16W	5%	RMC1/16S 563JTH	J24189046		1-	A	C2
R 1282	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 1283	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	C3
R 1284	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C2
R 1286	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C2
R 1287	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	C2
R 1289	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	A	B2
R 1290	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C2
R 1292	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	b3
R 1293	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a3
R 1294	CHIP RES.	220k	1/16W	5%	RMC1/16S 224JTH	J24189053		1-	B	a3
R 1295	CHIP RES.	220k	1/16W	5%	RMC1/16S 224JTH	J24189053		1-	B	a3
R 1296	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	B	a3
R 1297	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	a3
R 1298	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	B	a3
R 1299	CHIP RES.	51k	1/16W	5%	RMC1/16S 513JTH	J24189391		1-	B	a3
R 1300	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	a3
R 1301	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B3
R 1302	CHIP RES.	330k	1/16W	5%	RMC1/16S 334JTH	J24189055		1-	A	B3
R 1303	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	A	B3
R 1304	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b3
R 1305	CHIP RES.	330k	1/16W	5%	RMC1/16S 334JTH	J24189055		1-	A	B3
R 1306	CHIP RES.	330k	1/16W	5%	RMC1/16S 334JTH	J24189055		1-	B	b3
R 1307	CHIP RES.	330k	1/16W	5%	RMC1/16S 334JTH	J24189055		1-	B	b3
R 1308	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	B	b3
R 1309	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A4
R 1310	CHIP RES.	33k	1/16W	5%	RMC1/16S 333JTH	J24189043		1-	A	A4
R 1313	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	A1
R 1314	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	B3
R 1316	CHIP RES.	220k	1/16W	5%	RMC1/16S 224JTH	J24189053		1-	A	B2
R 1317	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	A	B2
R 1318	CHIP RES.	51k	1/16W	5%	RMC1/16S 513JTH	J24189391		1-	A	B2
R 1319	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B2
R 1320	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B2
R 1321	CHIP RES.	220k	1/16W	5%	RMC1/16S 224JTH	J24189053		1-	A	B2
R 1322	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 1323	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	B2
R 1324	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	A	B3
R 1325	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	B	b3
R 1326	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		1-	A	B2
R 1328	CHIP RES.	150	1/16W	5%	RMC1/16S 151JTH	J24189015		1-	B	b1
R 1329	CHIP RES.	68k	1/16W	5%	RMC1/16S 683JTH	J24189047		1-	A	B2
R 1330	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B2
R 1331	CHIP RES.	27k	1/16W	5%	RMC1/16S 273JTH	J24189042		1-	A	B2
R 1332	CHIP RES.	180k	1/16W	5%	RMC1/16S 184JTH	J24189052		1-	A	B2
R 1333	CHIP RES.	150k	1/16W	5%	RMC1/16S 154JTH	J24189051		1-	A	B2
R 1334	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B3
R 1335	CHIP RES.	68k	1/16W	5%	RMC1/16S 683JTH	J24189047		1-	B	b2
R 1336	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b3

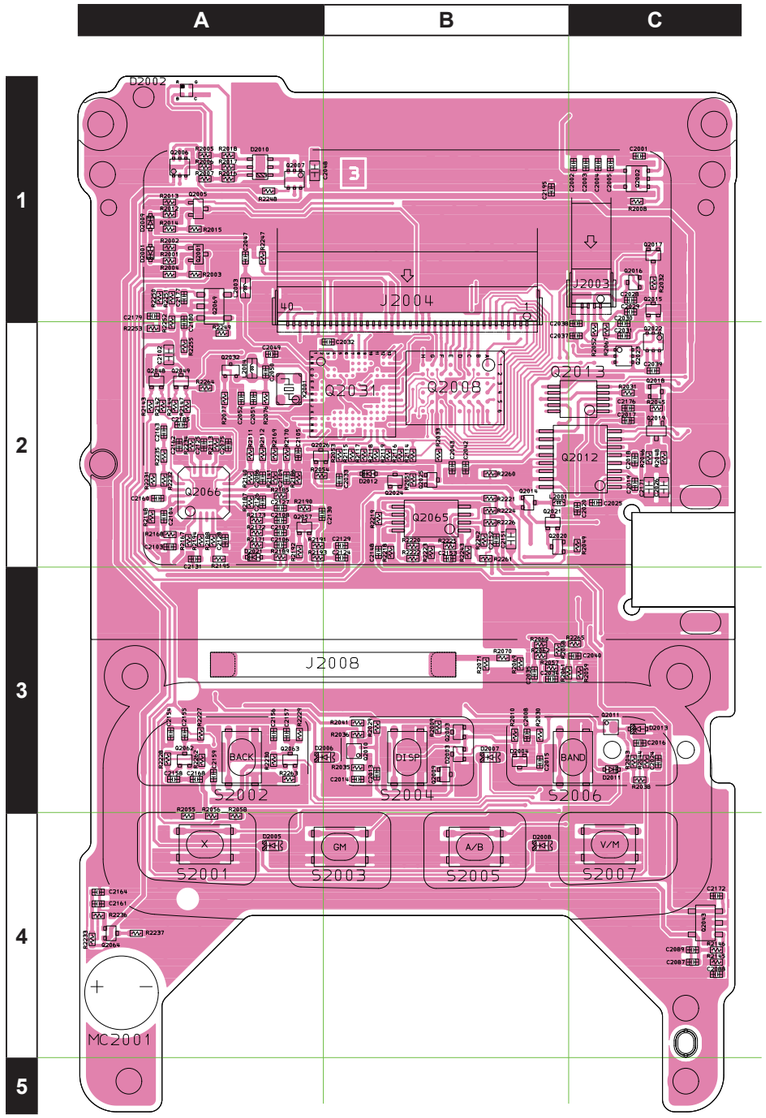
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 1337	CHIP RES.	27k	1/16W	5%	RMC1/16S 273JTH	J24189042		1-	B	b3
R 1338	CHIP RES.	180k	1/16W	5%	RMC1/16S 184JTH	J24189052		1-	B	b3
R 1339	CHIP RES.	150k	1/16W	5%	RMC1/16S 154JTH	J24189051		1-	B	b3
R 1340	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b3
R 1341	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		1-	A	B3
R 1342	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		1-	B	b3
R 1343	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 1344	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	A1
R 1345	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	A	B3
R 1346	CHIP RES.	82k	1/16W	5%	RMC1/16S 823JTH	J24189048		1-	A	B2
R 1347	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	B	b3
R 1348	CHIP RES.	82k	1/16W	5%	RMC1/16S 823JTH	J24189048		1-	B	b3
R 1349	CHIP RES.	2.7k	1/16W	5%	RMC1/16S 272JTH	J24189030		1-	A	B3
R 1350	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 1351	CHIP RES.	33k	1/16W	5%	RMC1/16S 333JTH	J24189043		1-	A	B3
R 1352	CHIP RES.	2.2M	1/16W	5%	RMC1/16S 225JTH	J24189065		1-	A	B3
R 1353	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	A	B3
R 1354	CHIP RES.	2.7k	1/16W	5%	RMC1/16S 272JTH	J24189030		1-	B	b3
R 1355	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	B	b3
R 1356	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	b3
R 1357	CHIP RES.	33k	1/16W	5%	RMC1/16S 333JTH	J24189043		1-	B	b3
R 1358	CHIP RES.	150k	1/16W	5%	RMC1/16S 154JTH	J24189051		1-	A	B3
R 1359	CHIP RES.	150k	1/16W	5%	RMC1/16S 154JTH	J24189051		1-	B	b3
R 1360	CHIP RES.	2.2M	1/16W	5%	RMC1/16S 225JTH	J24189065		1-	B	b4
R 1361	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	c1
R 1362	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A3
R 1363	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	A	A3
R 1364	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A3
R 1365	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A3
R 1366	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A2
R 1367	CHIP RES.	1.5k	1/16W	5%	RMC1/16S 152JTH	J24189027		1-	A	B3
R 1369	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 1370	CHIP RES.	1.5k	1/16W	5%	RMC1/16S 152JTH	J24189027		1-	B	b4
R 1371	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a4
R 1372	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	B4
R 1373	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	B4
R 1374	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	b4
R 1375	CHIP RES.	82k	1/16W	5%	RMC1/16S 823JTH	J24189048		1-	B	b5
R 1376	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	B	b5
R 1377	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	b3
R 1378	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	b4
R 1379	CHIP RES.	270k	1/16W	5%	RMC1/16S 274JTH	J24189054		1-	A	A3
R 1380	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b4
R 1381	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A1
R 1382	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A2
R 1383	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	b3
R 1384	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 1385	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C3
R 1386	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b3
R 1387	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	b3
R 1388	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	b3
R 1389	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A4
R 1391	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	c2
R 1392	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-2	A	A2
R 1393	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	c2
R 1394	CHIP RES.	47k	1/16W	1%	RMC1/16SK473FTH	J24189525		1-	B	a4
R 1395	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B2
R 1400	CHIP RES.	330k	1/16W	5%	RMC1/16S 334JTH	J24189055		1-	A	C3
R 1401	CHIP RES.	330k	1/16W	5%	RMC1/16S 334JTH	J24189055		1-	B	b3
R 1402	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A1
R 1403	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		4-	A	A2
R 1406	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		4-		
R 1407	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		6-	A	B3
R 1408	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		6-	A	B2
S 1001	SLIDE SWITCH				SSAH120100	N6090118		1-	A	C2
S 1002	TACT SWITCH				SKSLLAE010	N5090184		1-	A	A1
S 1003	TACT SWITCH				SKSLLAE010	N5090184		1-	A	A2
S 1004	TACT SWITCH				SKSLLAE010	N5090184		1-	A	A3
S 1005	TACT SWITCH				SKSLLAE010	N5090184		1-	A	A4
X 1001	XTAL	32.768kHz			DST1610A-32.768KHZ	H0103492		1-	A	B1
X 1001	XTAL	32.768kHz			TFX-04-32.768KHZ	H0103502		5-	A	B1
X 1002	VCTCXO	57.6MHz			DSA211SDN-57.6MHZ	H9501946		1-	A	B3
X 1003	VCTCXO	44MHz			DSA211SDN-44.0MHZ	H9501948		1-	A	A3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
XF1001	XTAL FILTER	58.05MHz			58S15AB-58.05MHZ	H1102534		1-	A	C1
XF1002	XTAL FILTER	57.15MHz			57S15AB-57.15MHZ	H1102532		1-	B	a2
	SPONGE RUBBER				(091302)	RA6270100		1-		
	SHIELD SHEET				(CE)	RA6286000	EUROPE	3-		
	SHIELD SHEET				(CE)	RA6286000	EXPORT	3-		
	SHIELD SHEET				(CE)	RA6286000	USA	3-		

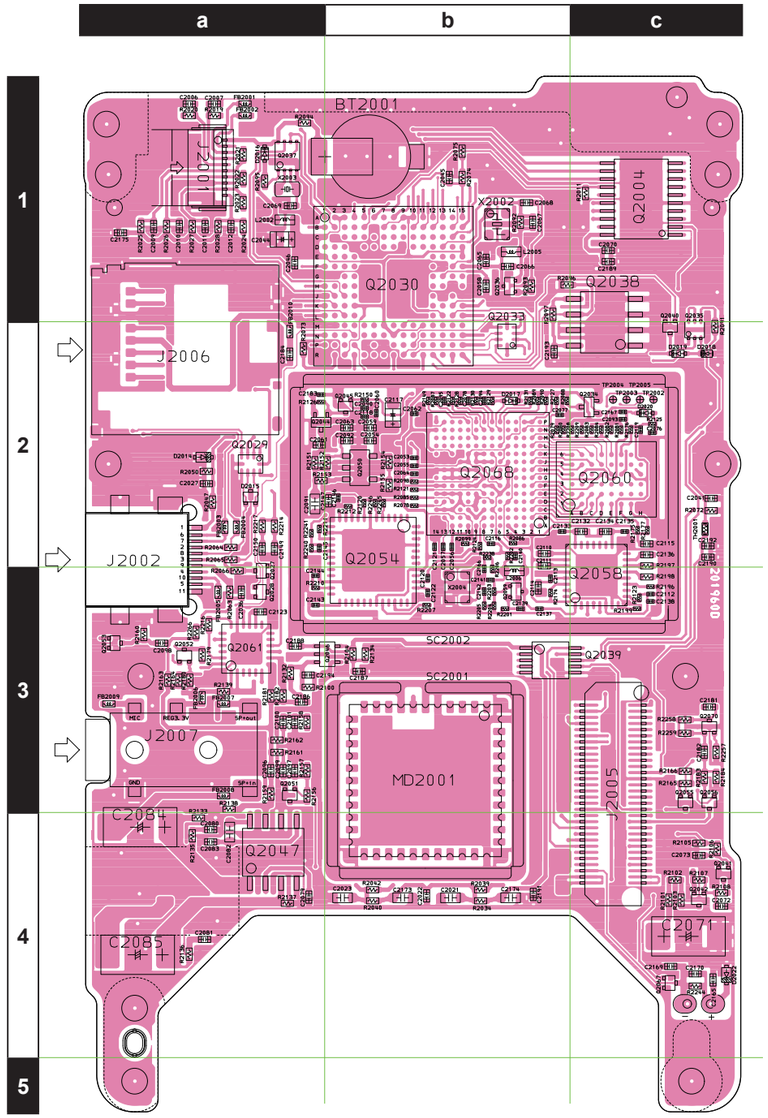
CNTL Unit (Lot. 1 - 3)

Circuit Diagram




A
B
C
1
2
3
4
5
D2002
J2004
J2003
Q2013
Q2034
Q2008
Q2012
Q2066
Q2065
J2008
BACK
DIS
DISP
BAND
S2002
S2004
S2006
X
GM
A/B
V/M
S2001
S2003
S2005
S2007
MC2001

Side A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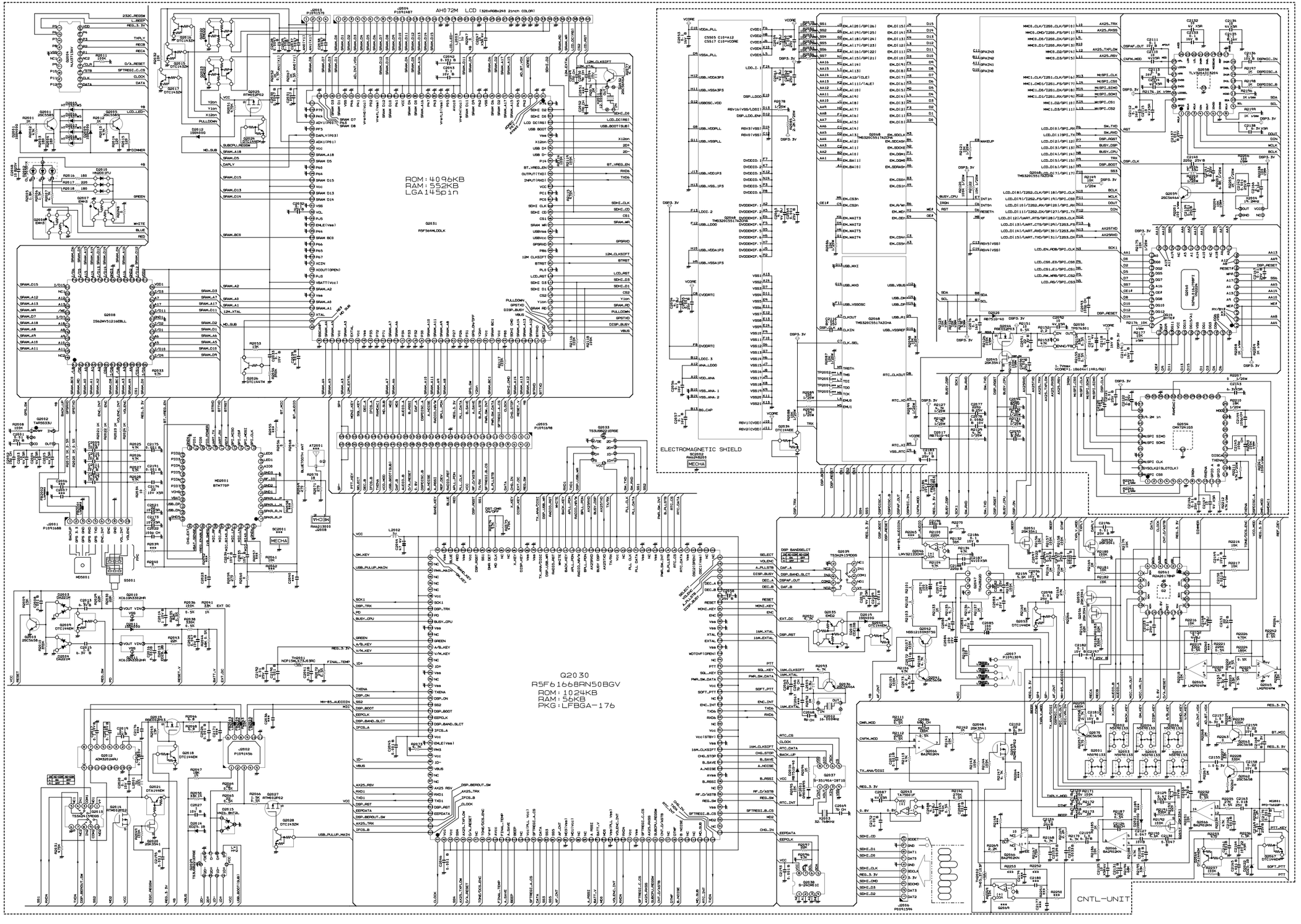
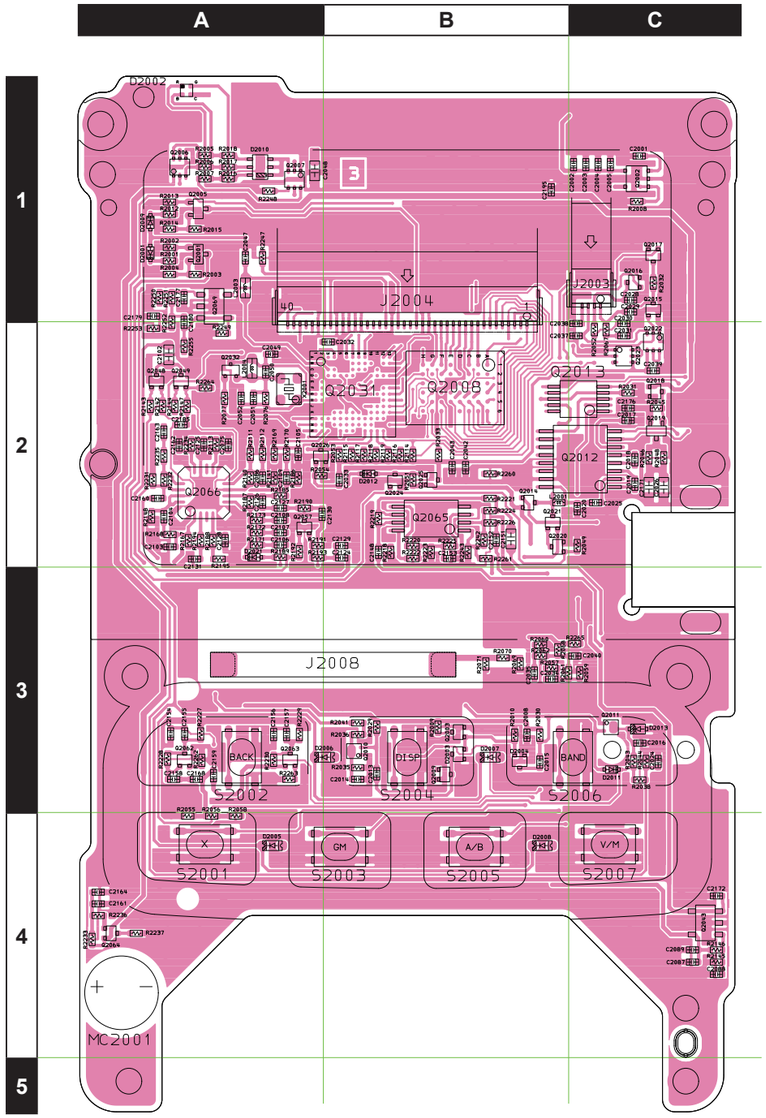
b
c
1
2
3
4
5
BT2001
X2002
Q2004
Q2030
Q2033
Q2038
J2006
Q2029
Q2058
Q2060
J2002
Q2054
Q2058
Q2061
SC2002
SC2001
Q2039
J2007
MD2001
J2005
C2084
Q2047
C2085
C2071

Side B

CNTL Unit (Lot. 4 -)

Circuit Diagram

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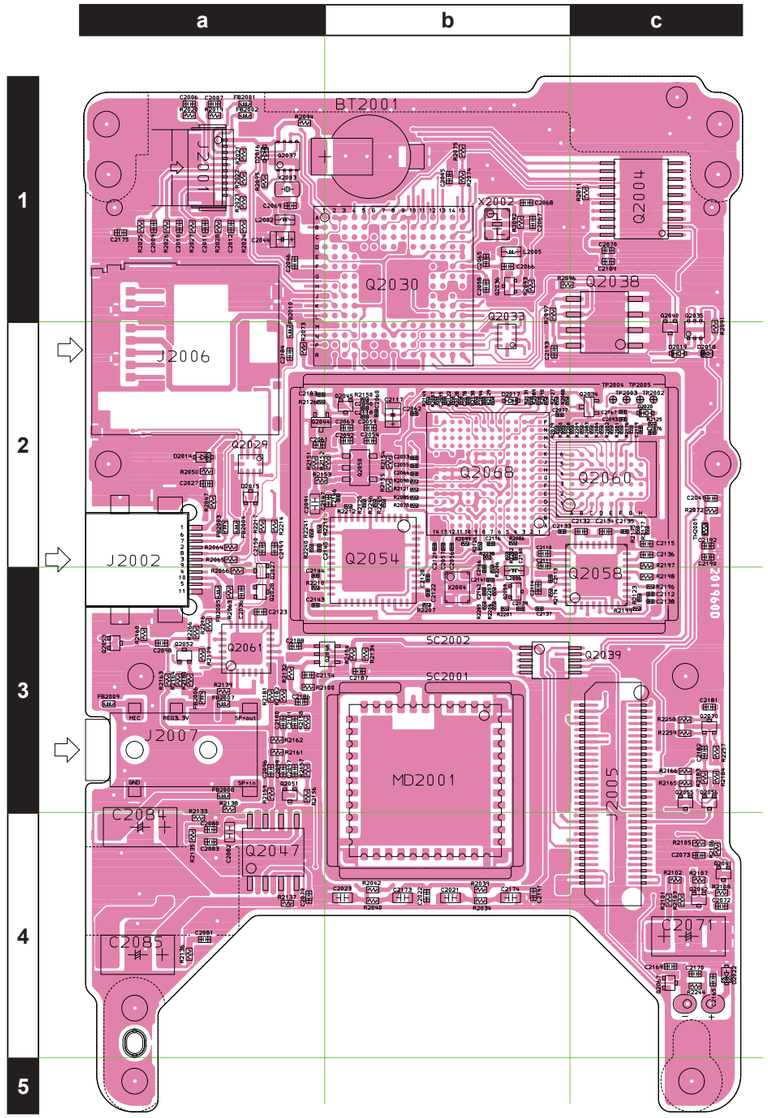
C
1
2
3
4
5
D2002
J2004
J2003
Q2013
Q2034
Q2008
Q2012
Q2066
Q2065
J2008
BACK
DISP
BAND
S2002
S2004
S2006
X
GM
A/B
V/M
S2001
S2003
S2005
S2007
MC2001

Side A


a
b
c
1
2
3
4
5
BT2001
Q2001
Q2004
X2002
Q2030
Q2038
Q2033
J2006
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Q2068
Q2060
J2002
Q2054
Q2058
Q2061
SC2002
Q2039
SC2001
J2007
MD2001
J2005
C2084
Q2047
C2085
C2071

Side B

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components is included CNTL-1 ASSY (see Exploded View) Please Contact YAESU when replacing the CNTL-Unit.									
BT2001	LITHIUM BATT.				ML614R-TT31	Q9000895		1-	B	b1
C 2001	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	C1
C 2002	CHIP CAP.	10pF	50V	CH	GRM1552C1H100BA01D	K22178297		1-	A	C1
C 2003	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	A	C1
C 2004	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	A	C1
C 2005	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	A	C1
C 2008	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B3
C 2009	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	B	a1
C 2010	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	B	a1
C 2011	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	B	a1
C 2012	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	B	a1
C 2013	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	B3
C 2014	CHIP CAP.	1uF	10V	B	GRM155B31A105KE15D	K22108809		1-	A	B3
C 2015	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	B3
C 2016	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	C3
C 2017	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 2018	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 2019	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 2020	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 2021	CHIP CAP.	22uF	10V	X5R	GRM188R61A226ME15D	K22101808		1-	B	b4
C 2022	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JA01D	K22178236		1-	B	b4
C 2024	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	A	C3
C 2025	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2
C 2026	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 2027	CHIP CAP.	1uF	10V	B	GRM155B31A105KE15D	K22108809		1-	B	a2
C 2028	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	A	C1
C 2029	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	A	C1
C 2030	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	A	C2
C 2031	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	A	C2
C 2032	CHIP CAP.	0.1uF	25V	B	GRM155B31E104KA87D	K22148838		1-	A	B2
C 2033	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 2034	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B3
C 2035	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B3
C 2037	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	A	C2
C 2038	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	A	C2
C 2039	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	C2
C 2041	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c2
C 2042	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B2
C 2043	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 2044	CHIP TA.CAP.	47uF	4V		TMCP0G476MTRF	K78060050		1-	B	a1
C 2045	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b1
C 2046	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a1
C 2047	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	A	A1
C 2048	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	A	A1
C 2049	CHIP CAP.	10pF	50V	CH	GRM1552C1H100JA01D	K22178212		1-	A	A2
C 2050	CHIP CAP.	9pF	50V	CH	GRM1552C1H9R0DA01D	K22178211		1-	A	A2
C 2052	CHIP CAP.	10pF	50V	CH	GRM1552C1H100JA01D	K22178212		1-	A	A2
C 2053	CHIP CAP.	0.1uF	16V	B	GRM033B31C104KE84D	K22127716		1-	B	b2
C 2054	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	B	b2
C 2055	CHIP CAP.	0.001uF	25V	B	GRM033B11E102KA01D	K22147712		1-	B	b2
C 2056	CHIP CAP.	0.1uF	16V	B	GRM033B31C104KE84D	K22127716		1-	B	b2
C 2057	CHIP CAP.	0.1uF	16V	B	GRM033B31C104KE84D	K22127716		1-	B	b2
C 2058	CHIP CAP.	0.1uF	25V	B	GRM155B31E104KA87D	K22148838		1-	B	b1
C 2059	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	B	b2
C 2060	CHIP CAP.	0.001uF	25V	B	GRM033B11E102KA01D	K22147712		1-	B	b2
C 2061	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	B	a2
C 2062	CHIP CAP.	0.001uF	25V	B	GRM033B11E102KA01D	K22147712		1-	B	b2
C 2063	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	B	b2
C 2064	CHIP CAP.	0.001uF	25V	B	GRM033B11E102KA01D	K22147712		1-	B	b2
C 2065	CHIP CAP.	8pF	50V	CH	GRM1552C1H8R0DA01D	K22178210		1-	B	b1
C 2066	CHIP CAP.	7pF	50V	CH	GRM1552C1H7R0DA01D	K22178209		1-	B	b1
C 2068	CHIP CAP.	8pF	50V	CH	GRM1552C1H8R0DA01D	K22178210		1-	B	b1
C 2069	CHIP CAP.	7pF	50V	CH	GRM1552C1H7R0DA01D	K22178209		1-	B	a1
C 2070	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	B	c1
C 2071	CHIP TA.CAP.	100uF	16V		TMCMC1C107MTRF	K78120098		1-	B	c4
C 2072	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c4
C 2073	CHIP CAP.	2.2uF	6.3V	B	JMK105BJ225MV-F	K22088804		1-	B	c4
C 2075	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 2076	CHIP CAP.	0.1uF	16V	B	GRM033B31C104KE84D	K22127716		1-	B	c2
C 2077	CHIP CAP.	220pF	25V	B	GRM033B11E221KA01D	K22147704		1-	B	b2
C 2078	CHIP CAP.	0.0082uF	10V	B	GRM033B11A822KA01D	K22107705		1-	B	b2
C 2079	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a4

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 2080	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a4
C 2081	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a4
C 2082	CHIP CAP.	10uF	25V	B	GRM188R61E106MA73D	K22144818		1-	B	a4
C 2083	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a4
C 2084	CHIP TA.CAP.	100uF	10V		TAJW107M010RNJ	K78100119		1-	B	a4
C 2085	CHIP TA.CAP.	100uF	10V		TAJW107M010RNJ	K78100119		1-	B	a4
C 2086	CHIP CAP.	68pF	50V	CH	GRM1552C1H680JA01D	K22178232		1-	A	A2
C 2087	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	A	C4
C 2088	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	A	C4
C 2089	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	C4
C 2090	CHIP CAP.	0.001uF	25V	B	GRM033B11E102KA01D	K22147712		1-	B	b2
C 2091	CHIP CAP.	22uF	6.3V	B	GRM188R60J226MEA0D	K22084807		1-	B	a2
C 2092	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	B	b2
C 2093	CHIP CAP.	100pF	50V	CH	GRM0332C1H101JA01D	K22177524		1-	B	c2
C 2094	CHIP CAP.	220pF	25V	B	GRM033B11E221KA01D	K22147704		1-	B	b2
C 2095	CHIP CAP.	0.01uF	25V	B	GRM033B31E103KA12D	K22147715		1-	B	b2
C 2096	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a3
C 2097	CHIP CAP.	0.0022uF	50V	B	GRM155B11H222KA01D	K22178813		1-	B	a3
C 2098	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	a3
C 2099	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	a3
C 2100	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	a3
C 2101	CHIP CAP.	0.0022uF	50V	B	GRM155B11H222KA01D	K22178813		1-	B	a3
C 2102	CHIP CAP.	22uF	6.3V	B	GRM188R60J226MEA0D	K22084807		1-	A	A2
C 2103	CHIP CAP.	0.0039uF	50V	B	GRM155B11H392KA01D	K22178816		1-	A	A2
C 2104	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A2
C 2105	CHIP CAP.	0.0033uF	50V	B	GRM155B11H332KA01D	K22178815		1-	A	A2
C 2106	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A2
C 2107	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A2
C 2108	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	A2
C 2109	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	A2
C 2110	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	B	b2
C 2111	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b2
C 2112	CHIP CAP.	0.1uF	16V	B	GRM033B31C104KE84D	K22127716		1-	B	c3
C 2113	CHIP CAP.	0.1uF	16V	B	GRM033B31C104KE84D	K22127716		1-	B	b3
C 2114	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	B	b3
C 2115	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	B	c2
C 2116	CHIP CAP.	0.001uF	25V	B	GRM033B11E102KA01D	K22147712		1-	B	b2
C 2117	CHIP TA.CAP.	47uF	4V		TMCP0G476MTRF	K78060050		1-	B	b2
C 2118	CHIP CAP.	0.1uF	16V	B	GRM033B31C104KE84D	K22127716		1-	B	b2
C 2119	CHIP CAP.	0.1uF	16V	B	GRM033B31C104KE84D	K22127716		1-	B	c2
C 2120	CHIP CAP.	0.001uF	25V	B	GRM033B11E102KA01D	K22147712		1-	B	b3
C 2121	CHIP CAP.	0.01uF	25V	B	GRM033B31E103KA12D	K22147715		1-	B	b2
C 2123	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	a3
C 2124	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2
C 2125	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	A	A2
C 2126	CHIP CAP.	82pF	50V	CH	GRM1552C1H820JA01D	K22178234		1-	A	A2
C 2127	CHIP CAP.	0.047uF	10V	B	GRM155B11A473KA01D	K22108801		1-	A	A2
C 2128	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 2129	CHIP CAP.	0.47uF	10V	B	GRM155B31A474KE14D	K22108812		1-	A	B2
C 2130	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	A	A2
C 2131	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 2132	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	B	c2
C 2133	CHIP CAP.	0.1uF	16V	B	GRM033B31C104KE84D	K22127716		1-	B	b2
C 2134	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	B	c2
C 2135	CHIP CAP.	0.1uF	16V	B	GRM033B31C104KE84D	K22127716		1-	B	c2
C 2136	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	c2
C 2137	CHIP CAP.	0.001uF	25V	B	GRM033B11E102KA01D	K22147712		1-	B	b3
C 2138	CHIP CAP.	1uF	6.3V	X5R	GRM033R60J105MEA2D	K22087704		1-	B	c3
C 2139	CHIP CAP.	0.001uF	25V	B	GRM033B11E102KA01D	K22147712		1-	B	b3
C 2140	CHIP CAP.	220pF	25V	B	GRM033B11E221KA01D	K22147704		1-	B	b2
C 2141	CHIP CAP.	0.01uF	25V	B	GRM033B31E103KA12D	K22147715		1-	B	b3
C 2142	CHIP CAP.	0.001uF	25V	B	GRM033B11E102KA01D	K22147712		1-	B	b3
C 2144	CHIP CAP.	100pF	50V	CH	GRM0332C1H101JA01D	K22177524		1-	B	a3
C 2148	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	A	B2
C 2149	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a2
C 2150	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a2
C 2151	CHIP CAP.	22uF	6.3V	B	GRM188R60J226MEA0D	K22084807		1-	A	B2
C 2152	CHIP CAP.	4.7uF	4V	BJ	AMK105BJ475MV-F	K22068801		1-	A	B2
C 2153	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	B2
C 2155	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	A3
C 2157	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	A3
C 2158	CHIP CAP.	0.22uF	10V	B	GRM155B31A224KE18D	K22108808		1-	A	A3
C 2159	CHIP CAP.	0.22uF	10V	B	GRM155B31A224KE18D	K22108808		1-	A	A3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
C 2160	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	A2
C 2161	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	A	A4
C 2161	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		4-	A	A4
C 2162	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	A2
C 2163	CHIP CAP.	0.018uF	25V	B	GRM155B11E183KA61D	K22148835		1-	A	A2
C 2164	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	A	A4
C 2164	CHIP CAP.	22uF	10V	X5R	GRM188R61A226ME15D	K22101808		4-	A	A4
C 2165	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c4
C 2166	CHIP CAP.	0.1uF	16V	B	GRM033B31C104KE84D	K22127716		1-	B	b3
C 2167	CHIP CAP.	0.01uF	25V	B	GRM033B31E103KA12D	K22147715		1-	B	c2
C 2168	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	A3
C 2169	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	c4
C 2170	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c4
C 2172	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	C4
C 2173	CHIP CAP.	22uF	10V	X5R	GRM188R61A226ME15D	K22101808		1-	B	b4
C 2174	CHIP CAP.	22uF	10V	X5R	GRM188R61A226ME15D	K22101808		1-	B	b4
C 2175	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	a1
C 2182	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	c3
C 2183	CHIP CAP.	0.01uF	25V	B	GRM033B31E103KA12D	K22147715		1-	B	a2
C 2184	CHIP CAP.	1uF	10V	B	GRM155B31A105KE15D	K22108809		1-	B	a2
C 2186	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a3
C 2187	CHIP CAP.	10uF	4V	X5R	GRM155R60G106ME44D	K22179733		1-	B	b3
C 2188	CHIP CAP.	220pF	50V	B	GRM155B11H221KA01D	K22178801		1-	B	a3
C 2189	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c1
C 2190	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	c2
C 2191	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b4
C 2192	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	c2
C 2193	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	b2
C 2194	CHIP CAP.	330pF	50V	B	GRM155B11H331KA01D	K22178803		1-	B	a3
C 2195	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B1
C 2196	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a3
C 2196	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		4-	B	a3
C 2197	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	c3
C 2198	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-5		
C 2199	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		6-	B	c3
C 2201	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		6-	B	c4
C 2202	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		6-	A	A1
C 2203	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		6-	B	b3
C 2204	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		6-	B	c3
C 2205	CHIP CAP.	0.75pF	50V	CK	GRM1554C1HR75BA01D	K22178286		1-		
D 2001	DIODE				1SS400G T2R	G2070934		1-	A	A1
D 2002	LED				CL-505S-X-SD-T	G2071562		1-	A	A1
D 2003	DIODE				DA221M T2L	G2070940		1-	A	B3
D 2004	DIODE				DA221M T2L	G2070940		1-	A	B3
D 2005	LED				HT-193TW5	G2071390		1-	A	A4
D 2006	LED				HT-193TW5	G2071390		1-	A	A3
D 2007	LED				HT-193TW5	G2071390		1-	A	B3
D 2008	LED				HT-193TW5	G2071390		1-	A	B4
D 2009	DIODE				1SS400G T2R	G2070934		1-	A	A1
D 2010	DIODE				HN2D01FU(TE85R.F)	G2070348		1-	A	A1
D 2011	DIODE				1SS400G T2R	G2070934		1-	A	C3
D 2012	DIODE				1SS400G T2R	G2070934		1-	A	B2
D 2013	DIODE				EDZV T2R 8.2B	G2071188		1-	A	C3
D 2014	DIODE				EDZV T2R 5.1B	G2070998		1-	B	a2
D 2015	DIODE				VMZ6.8NT2L	G2071222		1-	B	a2
D 2016	DIODE				RB751G-40T2R	G2071066		1-	B	a1
D 2017	DIODE				RB751G-40T2R	G2071066		1-	B	b2
D 2018	DIODE				CDZT2R10B	G2071410		1-	B	c2
D 2019	DIODE				1SS400G T2R	G2070934		1-	B	c2
D 2020	DIODE				RB751G-40T2R	G2071066		1-	B	c2
D 2021	DIODE				1SS400G T2R	G2070934		1-2	A	A2
D 2022	DIODE				EDZV T2R 5.1B	G2070998		1-	B	c4
DS2001	LCD MODULE				PJ2002C07-37H40P200R	Q7000954		1-		
FB2001	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	a1
FB2002	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	a1
FB2003	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	a2
FB2004	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	a2
FB2005	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	a3
FB2006	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	a3
FB2007	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	a3
FB2008	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	a3
FB2009	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	a3
FB2010	FERRITE BEADS				BLM15AG121SN1D	L1690843		1-	B	a2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
J 2001	CONNECTOR				AYF531035	P1091688		1-	B	a1
J 2002	CONNECTOR				AXJ436540G-M	P1091456		1-	B	a2
J 2003	CONNECTOR				AYF530435	P1091570		1-	A	C1
J 2004	CONNECTOR				AYF534035	P1091487		1-	A	B1
J 2005	CONNECTOR				AXK5S60237YG	P1091698		1-	B	c3
J 2006	CONNECTOR				SCHA4B0415	P0091594		1-	B	a2
J 2007	CONNECTOR				MJC-046-C1-3.5-T	P1091309		1-	B	a3
J 2008	ANTENNA				(BT)	RA6213000		1-	A	B3
L 2001	M.RFC	1uH		10%	LK1005 1R0K-T	L1691715		1-	A	B2
L 2002	M.RFC	1uH			LK1608 1R0K-T	L1690687		1-	B	a1
L 2003	M.RFC	1uH			LK1608 1R0K-T	L1690687		1-	A	A1
L 2004	M.RFC	10uH			LK1608 100K-T	L1690689		1-	A	A2
L 2005	M.RFC	6.8uH			LK1608 6R8K-T	L1690632		1-	B	b1
L 2006	M.RFC	0.33uH			LK1608 R33K-T	L1690412		1-	B	b3
L 2007	M.RFC	0.0047uH			HK1005 4N7S-T	L1691280		1-		
MC2001	MICROPHONE ELEMENT				PFO-T6022P-1.5	M3290060		1-	A	A4
MD2001	BLUETOOTH MODULE				BTM770P	Q7000972		1-	B	b3
Q 2001	TRANSISTOR				2SC5585-TL	G3355858		1-	A	A1
Q 2002	IC				TAR5S33U(TE85L.F)	G1094549		1-	A	C1
Q 2003	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	A	B3
Q 2004	IC				NJU3713AV(TE1)	G1094850		1-	B	c1
Q 2005	TRANSISTOR				2SC5585-TL	G3355858		1-	A	A1
Q 2006	TRANSISTOR				EMH3 T2R	G3070313		1-	A	A1
Q 2007	TRANSISTOR				EMH3 T2R	G3070313		1-	A	A1
Q 2008	IC				IS62WV51216EBLL-45BLI-TR	G1095580		1-	A	B2
Q 2009	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	B3
Q 2010	IC				XC61GN3302HR-G	G1095116		1-	A	B3
Q 2011	IC				XC61GN3302HR-G	G1095116		1-	A	C3
Q 2012	IC				ADM3202ARUZ	G1094022		1-	A	C2
Q 2013	IC				TS3A24159DGSRG4	G1094892		1-	A	C2
Q 2014	FET				RTM002P02(TAPE)	G3070347		1-	A	B2
Q 2015	TRANSISTOR				DTC143ZM	G3070400		1-	A	C1
Q 2016	TRANSISTOR				DTC143ZM	G3070400		1-	A	C1
Q 2017	TRANSISTOR				DTC143ZM	G3070400		1-	A	C1
Q 2018	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	C2
Q 2019	FET				RSE002P03TL	G3070472		1-	A	C2
Q 2020	FET				2SK3541 T2L	G3835417		1-	A	B2
Q 2021	TRANSISTOR				DTA144EM T2L	G3070310		1-	A	B2
Q 2022	TRANSISTOR				EMD22 T2R	G3070402		1-	A	C2
Q 2023	TRANSISTOR				EMD22 T2R	G3070402		1-	A	C2
Q 2024	TRANSISTOR				DTC144EM T2L	G3070309		1-	A	B2
Q 2025	FET				RTM002P02(TAPE)	G3070347		1-	A	B2
Q 2026	TRANSISTOR				DTC144TM T2L	G3070401		1-	A	A2
Q 2027	FET				RTM002P02(TAPE)	G3070347		1-	B	a3
Q 2028	TRANSISTOR				DTC143ZM	G3070400		1-	B	a3
Q 2029	IC				TS3USB221ERSER	G1095090		1-	B	a2
Q 2030	IC				R5F61668RN50BGV	G1094952		1-	B	b1
Q 2031	IC				R5F564MLDDLK#21	G1095656		1-	A	B2
Q 2032	TRANSISTOR				2SC5646A(TAPE)	G3356468		1-	A	A2
Q 2033	IC				TS3USB221ERSER	G1095090		1-	B	b2
Q 2034	TRANSISTOR				DTC144EE TL	G3070075		1-	B	c2
Q 2035	TRANSISTOR				EMD2 T2R	G3070312		1-	B	c2
Q 2036	TRANSISTOR				2SC5646A(TAPE)	G3356468		1-	B	b1
Q 2037	IC				S-35190A-I8T1G	G1094590		1-	B	a1
Q 2038	IC				S-24CM01CI-J8T1U4	※		1-	B	c2
Q 2039	IC				TS3A24159DGSRG4	G1094892		1-	B	b3
Q 2040	TRANSISTOR				DTC144EM T2L	G3070309		1-	B	c2
Q 2041	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	B	c4
Q 2042	TRANSISTOR				NSS12100M3T5G	G3070485		1-	B	c4
Q 2043	IC				TA75S01F(TE85R.F)	G1091593		1-	A	C4
Q 2044	FET				RSE002P03TL	G3070472		1-	B	a2
Q 2045	FET				2SK3541 T2L	G3835417		1-	B	b2
Q 2046	IC				LMV321IDCKR	G1093969		1-	B	b3
Q 2047	IC				TDA2822D013TR	G1091542		1-	B	a4
Q 2048	FET				2SK3541 T2L	G3835417		1-	A	A2
Q 2049	FET				RZM002P02	G3070432		1-	A	A2
Q 2050	IC				TPS76301DBVR	G1094152		1-	B	b2
Q 2051	FET				2SK3541 T2L	G3835417		1-	B	a3
Q 2052	FET				2SK3541 T2L	G3835417		1-	B	a3
Q 2053	TRANSISTOR				DTC144EM T2L	G3070309		1-	B	a3
Q 2055	FET				2SK3541 T2L	G3835417		1-	B	c3
Q 2056	FET				2SK3541 T2L	G3835417		1-	B	c3
Q 2057	FET				2SK3541 T2L	G3835417		1-	A	A2

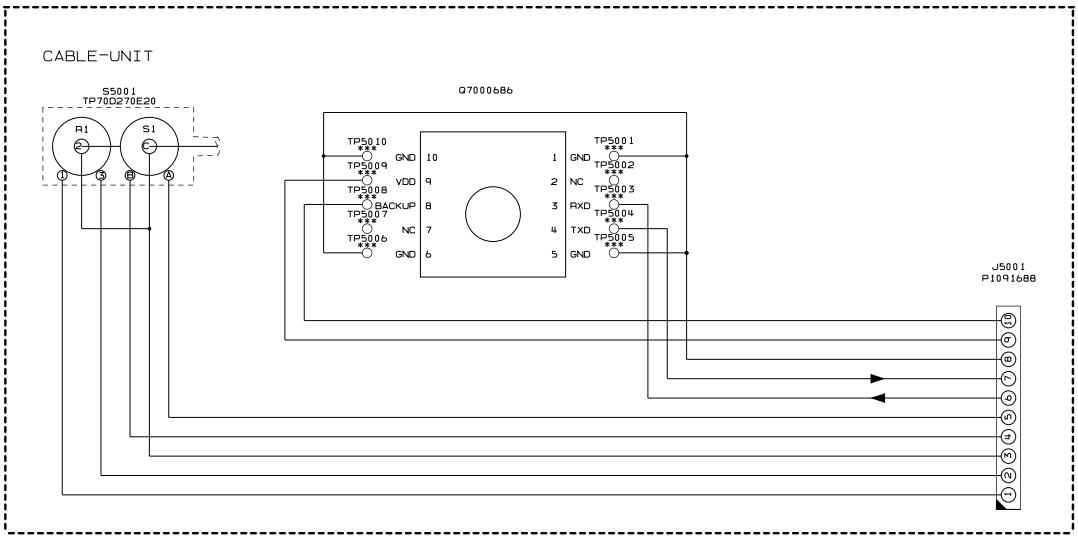
※ Please Contact YAESU when replacing this part.

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
Q 2058	IC				TLV320AIC3204IRHBR	G1095037		1-	B	c3
Q 2059	TRANSISTOR				2SC5646A(TAPE)	G3356468		1-	B	b3
Q 2060	IC				S29AL016J70BFI010E-YR2224	G1095672		1-	B	c2
Q 2061	IC				R2A20178NP	G1094776		1-	B	a3
Q 2062	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	A	A3
Q 2063	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	A	A3
Q 2064	TRANSISTOR				DTA144EM T2L	G3070310		1-	A	A4
Q 2065	IC				LM2904PWR	G1094010		1-	A	B2
Q 2066	IC				BA2902KN	G1094201		1-	A	A2
Q 2067	TRANSISTOR				DTC144EM T2L	G3070309		1-	B	c4
Q 2068	IC				TMS320C5517AZCHA20	G1095294		1-	B	b2
Q 2070	TRANSISTOR				2SC5658 T2L Q/R	G3356588		1-	B	c3
R 2001	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A1
R 2002	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	A1
R 2003	CHIP RES.	180	1/16W	5%	RMC1/16S 181JTH	J24189016		1-	A	A1
R 2004	CHIP RES.	180	1/16W	5%	RMC1/16S 181JTH	J24189016		1-	A	A1
R 2005	CHIP RES.	1.8k	1/16W	5%	RMC1/16S 182JTH	J24189028		1-	A	A1
R 2006	CHIP RES.	1.5k	1/16W	5%	RMC1/16S 152JTH	J24189027		1-	A	A1
R 2007	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	A1
R 2008	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C1
R 2009	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	A	B3
R 2010	CHIP RES.	390k	1/16W	5%	RMC1/16S 394JTH	J24189056		1-	A	B3
R 2011	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	c1
R 2012	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A1
R 2013	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	A1
R 2014	CHIP RES.	120	1/16W	5%	RMC1/16S 121JTH	J24189014		1-	A	A1
R 2015	CHIP RES.	120	1/16W	5%	RMC1/16S 121JTH	J24189014		1-	A	A1
R 2016	CHIP RES.	180	1/16W	5%	RMC1/16S 181JTH	J24189016		1-	A	A1
R 2017	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	A1
R 2018	CHIP RES.	180	1/16W	5%	RMC1/16S 181JTH	J24189016		1-	A	A1
R 2019	CHIP RES.	1k	1/16W	0.5%	RR0510P-102-D	J24189119		1-	B	a1
R 2020	CHIP RES.	1k	1/16W	0.5%	RR0510P-102-D	J24189119		1-	B	a1
R 2021	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a1
R 2022	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a1
R 2023	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a1
R 2024	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a1
R 2025	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a1
R 2026	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a1
R 2027	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a1
R 2028	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a1
R 2029	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	A	B3
R 2030	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	A	B3
R 2031	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		1-	A	C2
R 2032	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	C1
R 2033	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B2
R 2034	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	b4
R 2035	CHIP RES.	82k	1/16W	0.5%	MCR01MZPD8202	J24189385		1-	A	B3
R 2036	CHIP RES.	100k	1/16W	0.5%	MCR01MZPD1003	J24189386		1-	A	B3
R 2038	CHIP RES.	330k	1/16W	0.5%	MCR01MZPD3303	J24189330		1-	A	C3
R 2040	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	b4
R 2041	CHIP RES.	33k	1/16W	1%	RMC1/16SK333FTH	J24189494		1-	A	B3
R 2043	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	A	C3
R 2044	CHIP RES.	68k	1/16W	0.5%	MCR01MZPD6802	J24189384		1-	A	C3
R 2045	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	A	C2
R 2046	CHIP RES.	6.8	1/16W	5%	RMC1/16S 6R8JTH	J24189068		1-	A	C2
R 2047	CHIP RES.	18k	1/16W	1%	RMC1/16SK183FTH	J24189523		1-	B	a2
R 2048	CHIP RES.	6.8	1/16W	5%	RMC1/16S 6R8JTH	J24189068		1-	A	C2
R 2049	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	C2
R 2050	CHIP RES.	33k	1/16W	1%	RMC1/16SK333FTH	J24189494		1-	B	a2
R 2051	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		1-	A	B2
R 2052	CHIP RES.	1k	1/16W	0.5%	RR0510P-102-D	J24189119		1-	A	C2
R 2053	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	A	B2
R 2054	CHIP RES.	390k	1/16W	5%	RMC1/16S 394JTH	J24189056		1-	A	A2
R 2056	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	A4
R 2059	CHIP RES.	270	1/16W	5%	RMC1/16S 271JTH	J24189018		1-	A	C3
R 2060	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B3
R 2061	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B3
R 2063	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a3
R 2064	CHIP RES.	22	1/16W	0.5%	RR0510R-220-D	J24189079		1-	B	a2
R 2065	CHIP RES.	22	1/16W	0.5%	RR0510R-220-D	J24189079		1-	B	a2
R 2066	CHIP RES.	1.5k	1/16W	0.5%	RR0510P-152-D	J24189123		1-	B	a3
R 2067	CHIP RES.	1k	1/16W	0.5%	RR0510P-102-D	J24189119		1-	A	C2
R 2068	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B3

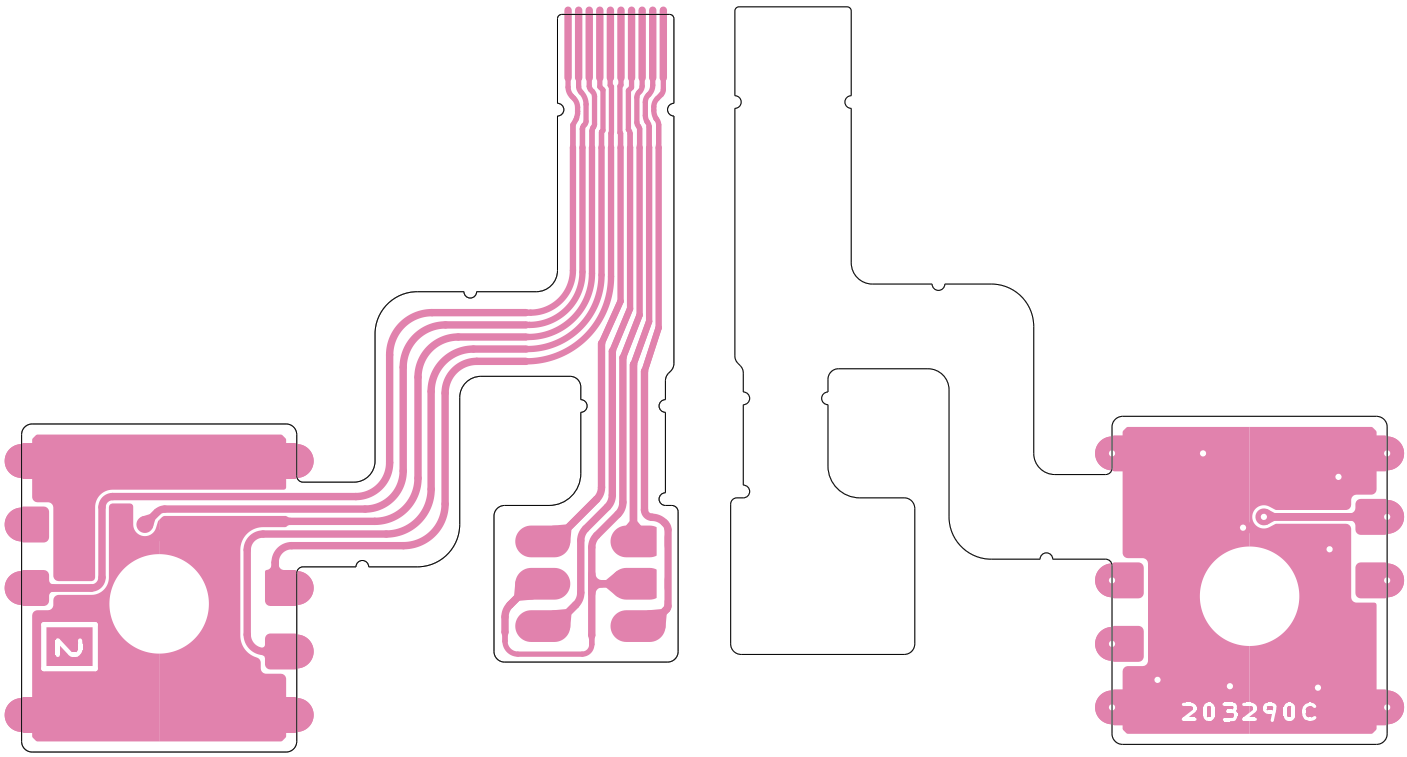
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 2072	CHIP RES.	27k	1/16W	0.5%	RR0510P-273-D-C	J24189153		1-	B	c2
R 2073	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	a2
R 2075	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	b1
R 2076	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	A	A2
R 2077	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	A2
R 2078	CHIP RES.	0	1/20W	5%	RMC1/20 JPPA	J24175000		1-	B	b2
R 2079	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	b2
R 2080	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	b2
R 2081	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	c2
R 2082	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	c2
R 2083	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	c2
R 2084	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	c2
R 2085	CHIP RES.	2.2k	1/20W	5%	RMC1/20 222JPA	J24175222		1-	B	b2
R 2086	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	b2
R 2087	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	b2
R 2088	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	b2
R 2089	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	b2
R 2090	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	b2
R 2091	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	c2
R 2092	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	B	b1
R 2093	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	b1
R 2094	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a1
R 2095	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a1
R 2096	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b1
R 2097	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	B	b1
R 2098	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	b2
R 2099	CHIP RES.	0	1/20W	5%	RMC1/20 JPPA	J24175000		1-	B	b2
R 2100	CHIP RES.	220k	1/16W	5%	RMC1/16S 224JTH	J24189053		1-	B	a3
R 2101	CHIP RES.	1	1/16W	5%	RMC1/16S 1R0JTH	J24189319		1-	B	c4
R 2102	CHIP RES.	1	1/16W	5%	RMC1/16S 1R0JTH	J24189319		1-	B	c4
R 2103	CHIP RES.	1	1/16W	5%	RMC1/16S 1R0JTH	J24189319		1-	B	c4
R 2104	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b3
R 2105	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	c4
R 2106	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	c4
R 2107	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	c4
R 2108	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	c4
R 2111	CHIP RES.	220k	1/16W	0.5%	MCR01MZPD2203	J24189389		1-	A	A2
R 2112	CHIP RES.	220k	1/16W	0.5%	MCR01MZPD2203	J24189389		1-	A	A2
R 2113	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	A2
R 2114	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 2115	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		1-	A	B2
R 2116	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 2117	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 2118	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 2119	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	B2
R 2120	CHIP RES.	100k	1/20W	5%	RMC1/20 104JPA	J24175104		1-	B	b2
R 2121	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	b2
R 2122	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	b2
R 2123	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	c3
R 2124	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	b2
R 2125	CHIP RES.	47k	1/20W	5%	RMC1/20 473JPA	J24175473		1-	B	c2
R 2126	CHIP RES.	100k	1/20W	5%	RMC1/20 104JPA	J24175104		1-	B	a2
R 2127	CHIP RES.	4.7k	1/20W	5%	RMC1/20 472JPA	J24175472		1-	B	b2
R 2128	CHIP RES.	4.7k	1/20W	5%	RMC1/20 472JPA	J24175472		1-	B	b2
R 2129	CHIP RES.	4.7k	1/20W	5%	RMC1/20 472JPA	J24175472		1-	B	b2
R 2130	CHIP RES.	6.8k	1/20W	5%	RMC1/20 682JPA	J24175682		1-	B	b2
R 2131	CHIP RES.	4.7k	1/20W	5%	RMC1/20 472JPA	J24175472		1-	B	b2
R 2132	CHIP RES.	56k	1/16W	5%	RMC1/16S 563JTH	J24189046		1-	B	a3
R 2133	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a4
R 2134	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b3
R 2135	CHIP RES.	4.7	1/16W	5%	RMC1/16S 4R7JTH	J24189066		1-	B	a4
R 2136	CHIP RES.	4.7	1/16W	5%	RMC1/16S 4R7JTH	J24189066		1-	B	a4
R 2137	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a4
R 2138	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	a3
R 2139	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	B	a3
R 2140	CHIP RES.	180k	1/16W	0.5%	MCR01MZPD1803	J24189388		1-	A	A2
R 2141	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2142	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A2
R 2143	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A2
R 2144	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A2
R 2145	CHIP RES.	91k	1/16W	0.5%	RR0510P-913-D	J24189594		1-	A	C4
R 2146	CHIP RES.	270k	1/16W	0.5%	MCR01MZPD2703	J24189329		1-	A	C4
R 2147	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	A2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 2149	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	b2
R 2150	CHIP RES.	100k	1/20W	5%	RMC1/20 104JPA	J24175104		1-	B	b2
R 2151	CHIP RES.	10	1/16W	0.5%	RR0510R-100-D	J24189071		1-	B	a2
R 2152	CHIP RES.	2.2	1/16W	5%	RMC1/16S 2R2JTH	J24189602		1-	B	b2
R 2153	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a2
R 2154	CHIP RES.	33k	1/16W	0.5%	RR0510P-333-D-C	J24189155		1-	B	b2
R 2155	CHIP RES.	100k	1/16W	0.5%	RR0510P-104-D-C	J24189167		1-	B	b2
R 2156	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a3
R 2157	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	a3
R 2158	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	a3
R 2159	CHIP RES.	5.6k	1/16W	5%	RMC1/16S 562JTH	J24189034		1-	B	a3
R 2160	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	B	a3
R 2161	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	B	a3
R 2162	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	B	a3
R 2163	CHIP RES.	27k	1/16W	5%	RMC1/16S 273JTH	J24189042		1-	B	a3
R 2164	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	B	a3
R 2165	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	B	c3
R 2167	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		1-	A	A2
R 2168	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	A2
R 2169	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	A2
R 2170	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	A2
R 2171	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A2
R 2172	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	A	A2
R 2173	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	A	A2
R 2174	CHIP RES.	1k	1/20W	5%	RMC1/20 102JPA	J24175102		1-	B	b3
R 2175	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	c2
R 2176	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	c2
R 2177	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	c2
R 2179	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a3
R 2180	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	a3
R 2181	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a3
R 2182	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a3
R 2183	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	B	c3
R 2184	CHIP RES.	330k	1/16W	5%	RMC1/16S 334JTH	J24189055		1-	B	c3
R 2185	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	A2
R 2186	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2187	CHIP RES.	470k	1/16W	0.5%	MCR01MZPD4703	J24189332		1-	A	A2
R 2188	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	A2
R 2190	CHIP RES.	5.6k	1/16W	5%	RMC1/16S 562JTH	J24189034		1-	A	A2
R 2191	CHIP RES.	330k	1/16W	5%	RMC1/16S 334JTH	J24189055		1-	A	A2
R 2192	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A2
R 2193	CHIP RES.	220	1/16W	5%	RMC1/16S 221JTH	J24189017		1-	A	A2
R 2194	CHIP RES.	68k	1/16W	5%	RMC1/16S 683JTH	J24189047		1-	A	A2
R 2195	CHIP RES.	33k	1/16W	5%	RMC1/16S 333JTH	J24189043		1-	A	A2
R 2196	CHIP RES.	1k	1/20W	5%	RMC1/20 102JPA	J24175102		1-	B	c3
R 2197	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	c2
R 2198	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	c3
R 2199	CHIP RES.	1k	1/20W	5%	RMC1/20 102JPA	J24175102		1-	B	c3
R 2201	CHIP RES.	100	1/20W	5%	RMC1/20 101JPA	J24175101		1-	B	b3
R 2202	CHIP RES.	560	1/20W	5%	RMC1/20 561JPA	J24175561		1-	B	b2
R 2203	CHIP RES.	6.8k	1/20W	5%	RMC1/20 682JPA	J24175682		1-	B	b3
R 2204	CHIP RES.	10k	1/20W	5%	RMC1/20 103JPA	J24175103		1-	B	b3
R 2205	CHIP RES.	1k	1/20W	5%	RMC1/20 102JPA	J24175102		1-	B	b3
R 2206	CHIP RES.	100	1/20W	5%	RMC1/20 101JPA	J24175101		1-	B	b3
R 2208	CHIP RES.	1k	1/20W	5%	RMC1/20 102JPA	J24175102		1-	B	b2
R 2209	CHIP RES.	1k	1/20W	5%	RMC1/20 102JPA	J24175102		1-	B	c2
R 2211	CHIP RES.	47k	1/20W	5%	RMC1/20 473JPA	J24175473		1-	B	a2
R 2214	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a2
R 2216	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a3
R 2217	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	a2
R 2218	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B2
R 2219	CHIP RES.	330k	1/16W	0.5%	MCR01MZPD3303	J24189330		1-	A	B2
R 2220	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B2
R 2221	CHIP RES.	220k	1/16W	0.5%	MCR01MZPD2203	J24189389		1-	A	B2
R 2222	CHIP RES.	47k	1/16W	0.5%	MCR01MZPD4702	J24189382		1-	A	B2
R 2223	CHIP RES.	33k	1/16W	0.5%	MCR01MZPD3302	J24189380		1-	A	B2
R 2224	CHIP RES.	180k	1/16W	0.5%	MCR01MZPD1803	J24189388		1-	A	B2
R 2225	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B2
R 2226	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		1-	A	B2
R 2227	CHIP RES.	33k	1/16W	5%	RMC1/16S 333JTH	J24189043		1-	A	A3
R 2228	CHIP RES.	330k	1/16W	5%	RMC1/16S 334JTH	J24189055		1-	A	A3
R 2229	CHIP RES.	33k	1/16W	5%	RMC1/16S 333JTH	J24189043		1-	A	A3
R 2230	CHIP RES.	330k	1/16W	5%	RMC1/16S 334JTH	J24189055		1-	A	A3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
R 2231	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2232	CHIP RES.	390k	1/16W	0.5%	MCR01MZPD3903	J24189331		1-	A	A2
R 2233	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A4
R 2234	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	A2
R 2235	CHIP RES.	27k	1/16W	0.5%	RR0510P-273-D-C	J24189153		1-	A	A2
R 2236	CHIP RES.	1.5k	1/16W	5%	RMC1/16S 152JTH	J24189027		1-	A	A4
R 2237	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A4
R 2238	CHIP RES.	100	1/20W	5%	RMC1/20 101JPA	J24175101		1-	B	b2
R 2242	CHIP RES.	270k	1/16W	0.5%	MCR01MZPD2703	J24189329		1-	A	B2
R 2243	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	B2
R 2244	CHIP RES.	1.2k	1/16W	5%	RMC1/16S 122JTH	J24189026		1-	B	c4
R 2247	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A1
R 2248	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A1
R 2249	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	A2
R 2257	CHIP RES.	330	1/16W	5%	RMC1/16S 331JTH	J24189019		1-	B	c3
R 2258	CHIP RES.	2.7k	1/16W	5%	RMC1/16S 272JTH	J24189030		1-	B	c3
R 2259	CHIP RES.	680k	1/16W	5%	RMC1/16S 684JTH	J24189059		1-	B	c3
R 2261	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B2
R 2262	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A3
R 2263	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	A3
R 2266	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	a3
R 2267	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	A	A3
R 2268	CHIP RES.	1M	1/16W	5%	RMC1/16S 105JTH	J24189061		1-	A	A3
R 2269	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	A	A2
R 2270	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		4-	B	a3
R 2271	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	c3
R 2272	CHIP RES.	470k	1/16W	5%	RMC1/16S 474JTH	J24189057		6-	A	A1
S 2001	TACT SWITCH				SKRPABE010	N5090133		1-	A	A4
S 2002	TACT SWITCH				SKRPABE010	N5090133		1-	A	A3
S 2003	TACT SWITCH				SKRPABE010	N5090133		1-	A	B4
S 2004	TACT SWITCH				SKRPABE010	N5090133		1-	A	B3
S 2005	TACT SWITCH				SKRPABE010	N5090133		1-	A	B4
S 2006	TACT SWITCH				SKRPABE010	N5090133		1-	A	C3
S 2007	TACT SWITCH				SKRPABE010	N5090133		1-	A	C4
SC2002	SHIELD CASE				(DSP)	RA6248200		1-	B	b2
TH2001	THERMISTOR				NCP15WL473J03RC	G9090175		1-	B	c2
TH2002	THERMISTOR				TH05 3T103FR	G9090146		1-	A	A2
X 2001	XTAL DSX221G	12MHz			DSX221G-12.000MHZ	H0103488		1-	A	A2
X 2001	XTAL	12MHz			FCX-05-12.000MHZ	H0103498		5-	A	A2
X 2002	XTAL DSX221G	16MHz			DSX221G-16.000MHZ	H0103490		1-	B	b1
X 2002	XTAL	16MHz			FCX-05-16.000MHZ	H0103500		5-	B	b1
X 2003	XTAL	32.768kHz			DST1610A-32.768KHZ	H0103492		1-	B	a1
X 2003	XTAL	32.768kHz			TFX-04-32.768KHZ	H0103502		5-	B	a1
X 2004	TCXO	19.2MHz			TG-5006CG-18H19.2MHZ	H9501952		1-	B	b3
	MIC HOLDER RUBBER					RA1595200		1-		
	MIC HOLDER RUBBER				(N002)	RA6038800		7-		
	SPONGE RUBBER				(MIC)	RA6295900		1-		
	FRAME				(LCD)	RA6248300		1-		
	DOUBLE FACE				(FRAME)	RA6248400		1-		
	SPONGE RUBBER				(050502)	RA6269900		1-		
	SHEET				(24X24)	RA6274100		1-		
	SHEET					RA6289300	EXPORT	1-2		
	SHEET					RA6289300	USA	1-2		
	SHEET					RA6289300		3-		
	CAPTON TAPE				(47X6)	RA6296300		1-		



Parts Layout



Side A Side B

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	YAESU P/N	VERS.	LOT	SIDE	LAY ADR
MD5001	GPS MODULE				LS2003C-2RE	Q7000686		1-		
S 5001	ROTARY ENCODER				TP70D316E20	Q9001004		1-		
	DOUBLE FACE				(GPS)	RA6267300		1-		
	CAPTON TAPE				(GPS)	RA6055700		1-		
	HOLDER				(GPS)	RA6055400		1-		

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