

# YAESU

The radio

## Dual Band FM Transceiver

# FT-7900R/E

## Technical Supplement

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EH016M93C

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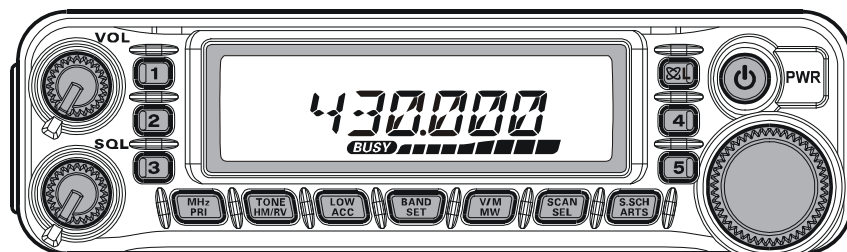
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## Introduction

This manual provides technical information necessary for servicing the FT-7900R/E Transceiver.

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

Two PCB layout diagrams are provided for each double-sided circuit board in the transceiver. Each side of the board is referred to by the type of the majority of components installed on that side ("lead" or "chip-only"). In most cases one side has only chip components, and the other has either a mixture of both chip and lead components (trimmers, coils, electrolytic capacitors, ICs, etc.), or lead components only.

While we believe the technical information in this manual to be correct, Yaesu Musen 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.

## Important Note

The 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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# Specifications

## General

|                                |                                                                                                                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Range:               | RX: 108.000 - 520.000 MHz,<br>700.000 - 999.990 MHz (USA: Cellular Blocked)<br>TX: 144.000 - 148.000 MHz or 144.000 - 146.000 MHz,<br>430.000 - 450.000 MHz or 430.000 - 440.000 MHz |
| Channel Steps:                 | 5/10/12.5/15/20/25/50/100 kHz                                                                                                                                                        |
| Modes of Emission:             | F3E, F2D, F2A                                                                                                                                                                        |
| Antenna Impedance:             | 50 Ohms, unbalanced (Antenna Duplexer built-in)                                                                                                                                      |
| Frequency Stability:           | ±5 ppm @ 14 °F ~ +140 °F (−10 °C ~ +60 °C)                                                                                                                                           |
| Operating Temperature Range:   | −4 °F ~ +140 °F (−20 °C ~ +60 °C)                                                                                                                                                    |
| Supply Voltage:                | 13.8 VDC (±15 %), negative ground                                                                                                                                                    |
| Current Consumption (Approx.): | RX: 0.5 A (Squelched)<br>TX: 8.5 A (144 MHz, 50 W)<br>9 A (430 MHz, 45 W)                                                                                                            |
| Case Size (W x H x D):         | 5.5" x 1.6" x 6.6" (140 x 41.5 x 168 mm) (w/o knobs & connectors)                                                                                                                    |
| Weight (Approx.):              | 2.2 lb. (1 kg)                                                                                                                                                                       |

## Transmitter

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| Output Power:         | 50/20/10/5 W (144 MHz)<br>45/20/10/5 W (430 MHz) |
| Modulation Type:      | Variable Reactance                               |
| Maximum Deviation:    | ±5 kHz, ±2.5 kHz                                 |
| Spurious Radiation:   | At least −60 dB below                            |
| Microphone Impedance: | 2 kΩ                                             |
| DATA Jack Impedance:  | 10 kΩ                                            |

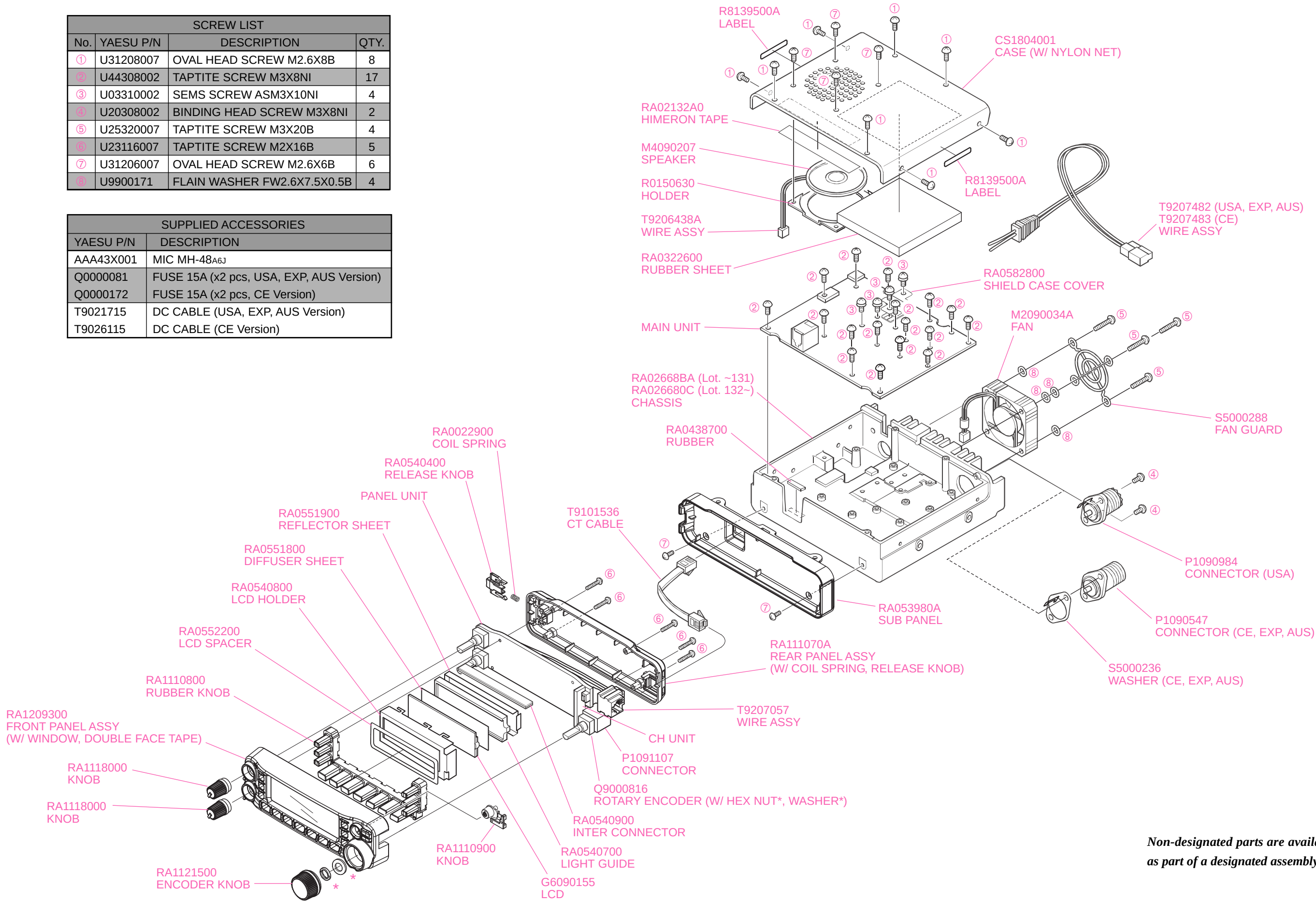
## Receiver

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circuit Type:             | Double-conversion superheterodyne                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Intermediate Frequencies: | 45.05 MHz/450 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sensitivity:              | 0.8 μV (TYP) for 10 dB SN (108 - 137 MHz, AM)<br>0.2 μV for 12 dB SINAD (137 - 150 MHz, FM)<br>0.25 μV for 12 dB SINAD (150 - 174 MHz, FM)<br>0.3 μV (TYP) for 12 dB SINAD (174 - 222 MHz, FM)<br>0.25 μV (TYP) for 12 dB SINAD (222 - 300 MHz, FM)<br>0.8 μV (TYP) for 10 dB SN (300 - 336 MHz, AM)<br>0.25 μV for 12 dB SINAD (336 - 420 MHz, FM)<br>0.2 μV for 12 dB SINAD (420 - 520 MHz, FM)<br>0.4 μV (TYP) for 12 dB SINAD (800 - 900 MHz, FM)<br>0.8 μV (TYP) for 12 dB SINAD (900 - 999.99 MHz, FM) (USA: Cellular Blocked) |
| Squelch Sensitivity:      | Better than 0.16 μV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Selectivity (−6dB/−60dB): | 12 kHz/30 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Maximum AF Output:        | 2 W @ 8 Ω for 10% THD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| AF Output Impedance:      | 4-16 Ω                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

*Specifications are subject to change without notice, and are guaranteed within the 144 and 430 MHz amateur bands only. Frequency ranges will vary according to transceiver version; check with your dealer.*

| SCREW LIST |           |                             |      |
|------------|-----------|-----------------------------|------|
| No.        | YAESU P/N | DESCRIPTION                 | QTY. |
| ①          | U31208007 | OVAL HEAD SCREW M2.6X8B     | 8    |
| ②          | U44308002 | TAPTITE SCREW M3X8NI        | 17   |
| ③          | U03310002 | SEMS SCREW ASM3X10NI        | 4    |
| ④          | U20308002 | BINDING HEAD SCREW M3X8NI   | 2    |
| ⑤          | U25320007 | TAPTITE SCREW M3X20B        | 4    |
| ⑥          | U23116007 | TAPTITE SCREW M2X16B        | 5    |
| ⑦          | U31206007 | OVAL HEAD SCREW M2.6X6B     | 6    |
| ⑧          | U9900171  | FLAIN WASHER FW2.6X7.5X0.5B | 4    |

| SUPPLIED ACCESSORIES |                                          |
|----------------------|------------------------------------------|
| YAESU P/N            | DESCRIPTION                              |
| AAA43X001            | MIC MH-48A6J                             |
| Q0000081             | FUSE 15A (x2 pcs, USA, EXP, AUS Version) |
| Q0000172             | FUSE 15A (x2 pcs, CE Version)            |
| T9021715             | DC CABLE (USA, EXP, AUS Version)         |
| T9026115             | DC CABLE (CE Version)                    |

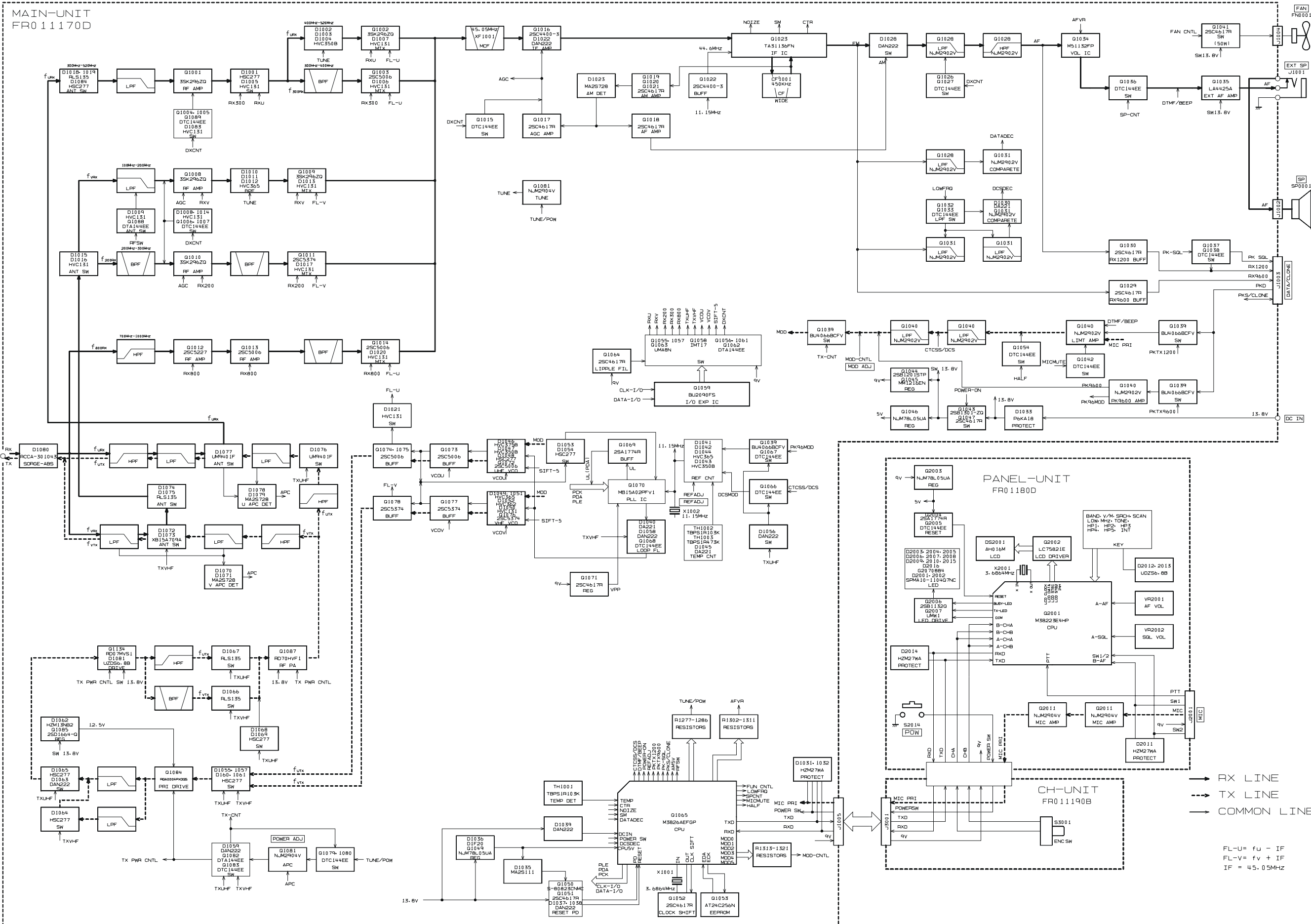


Non-designated parts are available only as part of a designated assembly.

*Exploded View & Miscellaneous Parts*

*Note*

## Block Diagram



*Block Diagram*

*Note*

## VHF Reception

The incoming VHF signal is passed through a low-pass filter network, antenna switching diodes **D1074 (RLS135)**, **D1075 (RLS135)** and **D1015 (HVC131)**, and another low-pass filter network to the RF amplifier **Q1008 (3SK296ZQ)**. The amplified RF signal is passed through a varactor controlled bandpass filter consisting of **L1017**, **L1018**, and **D1010**, **D1011**, and **D1012** (all **HVC365**), then applied to the first mixer **Q1009 (3SK296ZQ)** along with the first local signal from the PLL circuit.

The first local signal is generated between 189.05 MHz and 191.05 MHz, depending on the receiving frequency, by the VHF VCO, which consists of **Q1076 (2SC5374)** and varactor diodes **D1049 (HVC365)**, **D1050 (HVC131)**, **D1051 (HVC365)**, and **D1052 (HVC362)**.

## UHF Reception

The incoming UHF signal is passed through a low-pass filter network, antenna switching diodes **D1077 (MA4P1250)** and **D1018 (RLS135)**, **D1019 (RLS135)**, and **D1084 (HSC277)**, and another low-pass filter network to the RF amplifier **Q1001 (3SK296ZQ)**. The amplified RF signal is passed through a varactor-controlled band-pass filter consisting of **L1006** and **L1007**, and **D1002**, **D1003**, and **D1004** (all **HVC350B**), then applied to the first mixer **Q1002 (3SK296ZQ)** along with the first local signal from the PLL circuit.

The first local signal is generated between 384.95 MHz and 394.95 MHz, depending on the receiving frequency, by the UHF VCO, which consists of **Q1072 (2SC5006)** and varactor diodes **D1046 (HVC375B)** and **D1047 (HVC350B)**.

## IF and Audio Circuits

The 45.05 MHz first IF signal is applied to the monolithic crystal filter **XF1001** which strips away unwanted mixer products, and the IF signal is applied to the first IF amplifier **Q1016 (2SC4400)**. The amplified first IF signal is then delivered to the FM IF subsystem IC **Q1023 (TA31136FN)**, which contains the second mixer, limiter amplifier, noise amplifier, and FM detector.

The 44.6 MHz second local signal is derived from 11.15 MHz crystal **X1002**, the frequency of which is multiplied by four at **Q1022 (2SC4400)**, producing the 450 kHz second IF signal when mixed with the first IF signal within **Q1023 (TA31136FN)**.

The 450 kHz second IF signal is applied to the ceramic filter **CF1001** which strips away all but the desired signal, and then passes through the limiter amplifier within **Q1023 (TA31136FN)** to the ceramic discriminator **CD1001** which removes any amplitude variations in the 450 kHz IF signal before detection of speech.

The detected audio passes through the de-emphasis network, a low-pass filter consisting of **Q1028 (NJM2902V)** and associated circuitry, and a high-pass filter consisting of **Q1028 (NJM2902V)** and associated circuitry. The filtered audio signal is passed through the audio volume control IC **Q1034 (M51132FP)** which adjusts the audio sensitivity to compensate for audio level variations, then delivered to the audio switch **Q1036 (DTC144EE)**.

## Squelch Control

When no carrier received, noise at the output of the detector stage in **Q1023 (TA31136FN)** is amplified and band-pass filtered by the noise amp section of **Q1023 (TA31136FN)**. The resulting DC voltage is applied to pin 2 of main CPU **Q1065 (M3826AEFGP)**, which compares the squelch threshold level to that which set by the front panel SQL knob.

While no carrier is received, pin 53 of **Q1065 (M3826AEFGP)** remains "low," to disable audio output from the speaker.

## Transmit Signal Path

The speech signal from the microphone passes through the MIC jack **J2001** to AF amplifier **Q2011 (NJM2904V)** on the PANEL unit. The amplified speech signal is subjected to amplitude limiting by **Q1040 (NJM2902V)** on the MAIN unit. The speech signal then passes through low-pass filter network **Q1040 (NJM2902V)** and band switch **Q1039 (BU4066BCFV)** to the VHF VCO or UHF VCO.

## VHF Transmit Signal Path

The adjusted speech signal from **Q1040 (NJM2902V)** is delivered to VHF VCO **Q1076 (2SC5374)** which frequency modulates the transmitting VCO made up of **D1049 (HVC365)**. The modulated transmit signal passes through buffer amplifiers **Q1077** and **Q1078** (both **2SC5374**). The amplified transmit signal is then applied to the Pre-Drive amplifier **Q1084 (RQA0004PXDQS)** and Driver amplifier **Q1086 (RD07MVS1)**, then finally amplified by Power amplifier **Q1087 (RD70HVF1)** up to 50 Watts. This three-stage power amplifier's gain is controlled by the APC circuit. The 50 Watt RF signal passes through high-pass filter and low-pass filter network, antenna switch **D1072** and **D1073** (both **L709CER**), and another low-pass filter network, and then is delivered to the ANT jack.

# Circuit Description

## UHF Transmit Signal Path

The adjusted speech signal from **Q1040 (NJM2902V)** is delivered to UHF VCO **Q1072 (2SC5006)** which frequency modulates the transmitting VCO made up of **D1046 (HVC375B)**. The modulated transmit signal passes through buffer amplifiers **Q1073**, **Q1074**, and **Q1075** (all **2SC5006**). The filtered transmit signal is then applied to the Pre-Drive amplifier **Q1084 (RQA0004PXDQS)** and Driver amplifier **Q1086 (RD07MVS1)**, then finally amplified by Power amplifier **Q1087 (RD70HVF1)** up to 40 Watts. This three-stage power amplifier's gain is controlled by the APC circuit. The 40 Watt RF signal passes through high-pass filter and low-pass filter networks, antenna switch **D1077 (MA4P1250)**, and another low-pass filter network, and then is delivered to the ANT jack.

## TX APC Circuit

A portion of the power amplifier output is rectified by **D1070** and **D1071** (UHF: **D1078** and **D1079**, all **MA2S728**), then delivered to APC **Q1081 (NJM2904V)**, as a DC voltage which is proportional to the output level of the power amplifier. The APC **Q1081 (NJM2904V)** compares the rectified DC voltage from the power amplifier and the reference voltage from the main CPU **Q1065 (M3826AEFGP)**, to produce a control voltage, which regulates supply voltage to the Pre-Drive amplifier **Q1084 (RQA0004PXDQS)**, Drive amplifier **Q1086 (RD07MVS1)** and Power amplifier **Q1087 (RD70HVF1)**, so as to maintain stable output power under varying antenna loading conditions.

## PTT Circuit

When the PTT switch is pressed, pin 8 of sub CPU **Q2001 (M38223)** goes "high", which send the "PTT" command to main CPU **Q1065 (M3826AEFGP)**. When the CPU receives the "PTT" command, it engages **Q1057 (UMA8N)** and **Q1058 (IMT17)**, which activates the Tx circuit.

## PLL Circuit

A portion of the output from the VCO **Q1076 (2SC5374)** and **Q1072 (2SC5006)**, passes through the programmable divider section of the PLL IC **Q1070 (MB15A02PFV1)**, which divides the VCO frequency according to the frequency dividing data that is associated with the current frequency input from the main CPU **Q1065 (M3826AEFGP)**. It is then sent to the phase comparator. The 11.15 MHz frequency of the reference oscillator circuit derived from **X1002** is divided by the reference frequency divider section of **Q1070 (MB15A02PFV1)** into 4250 or 3400 parts to become 5 kHz or 6.25 kHz comparative reference frequencies, which are utilized by the phase comparator. The phase comparator section of **Q1070 (MB15A02PFV1)** compares the phase between the frequency-divided oscillation frequency of the VCO circuit and the comparative frequency and its output is a pulse corresponding to the phase difference. This pulse is integrated by the charge pump and loop filter of **Q1070 (MB15A02PFV1)** into a control voltage (VCV) to control the oscillation frequency of the VCOs.



## Introduction and Precautions

The **FT-7900R/E** has been carefully aligned at the factory for the specified performance across the 144 MHz and 430 MHz 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 Vertex Standard 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 Vertex Standard 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 Vertex Standard 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, Vertex Standard must reserve the right to change circuits and alignment procedures in the interest of improved performance, without notifying owners.

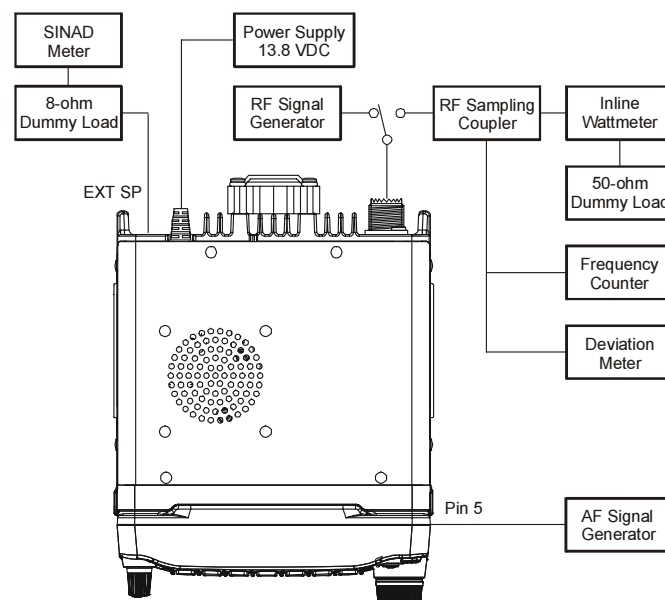
Under no circumstances should any alignment be attempted unless the normal function and operation of the transceiver are clearly understood, the cause of the malfunction has been clearly pinpointed and any faulty components replaced, and the need for realignment determined to be absolutely necessary.

## Required Test Equipment

The following test equipment (and thorough familiarity with its correct use) is necessary for complete realignment. Correction of problems caused by misalignment resulting from use of improper test equipment is not covered under the warranty policy. While most steps do not require all of the equipment listed, the interactions of some adjustments may require that more complex adjustments be performed afterwards. Do not attempt to perform only a single step unless it is clearly isolated electrically from all other steps. Have all test equipment ready before beginning, and follow all of the steps in a section in the order presented.

- ☐ Regulated DC Power Supply: adjustable from 11.5 to 16 VDC, 10 A
- ☐ RF Signal Generator with calibrated output level at 500 MHz
- ☐ Frequency Counter:  $\pm 0.1$  ppm accuracy at 500 MHz
- ☐ AF Signal Generator
- ☐ SINAD Meter
- ☐ Oscilloscope
- ☐ Spectrum Analyzer
- ☐ Deviation Meter (linear detector)
- ☐ AF Millivoltmeter
- ☐ AF Dummy Load: 8-Ohm, 5 W
- ☐ DC Voltmeter: high impedance
- ☐ Inline Wattmeter with 5% accuracy at 500 MHz
- ☐ 50-Ohm non-reactive Dummy Load: 50 watts at 500 MHz
- ☐ VHF/UHF Sampling Coupler

Set up the test equipment as shown below, and apply 13.8 VDC power to the transceiver.



# Alignment

## Alignment Preparation & Precautions

A dummy load and inline wattmeter must be connected to the main antenna jack in all procedures that call for transmission, except where specified otherwise. Correct alignment is not possible with an antenna. After completing one step, read the following step to determine whether the same test equipment will be required. If not, remove the test equipment (except dummy load and wattmeter, if connected) before proceeding.

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

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

## Entering the Alignment mode

Alignment of the **FT-7900R/E** is performed using a front-panel software-based procedure. To perform alignment of the transceiver, it must first be placed in the "Alignment Mode," in which the adjustments will be made and then stored into memory.

To enter the Alignment mode:

1. Press and hold in the **[MHz(PRI)]** key while turning the radio on.
2. Rotate the **DIAL** knob so select menu "F-8 NOR/CH."
3. Press and hold in the **[BAND(SET)]** key for 1/2 second. The radio is turned off automatically, and then switched on again afterwards.
4. Press and hold in the **[PWR(⏻)]** switch for 1/2 second to turn the radio off.
5. Press and hold in the **[V/M(MW)]** key while turning the radio on. The display will be show in the illustration at the right.
6. Press and hold in the **[PWR(⏻)]** switch for 1/2 second to turn the radio off.
7. Press and hold in the **[MHz(PRI)]** key and the Hyper Memory **[5]** key while turning the radio on.
8. Press the front panel keys in the following sequence. **[MHz(PRI)]** → **[TONE(HM/RV)]** → **[LOW(ACC)]** → **[BAND(SET)]** → **[V/M(MW)]** → **[SCAN(SEL)]** → **[S.SCH(ARTS)]**
9. Press and hold in the **[⌘(L)]** key to cause "A-O REF.xxH" to appear on the display, this signifies that the transceiver is now in the "Alignment mode."

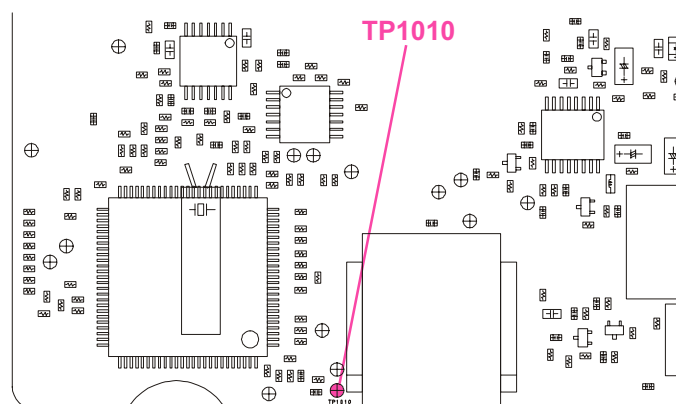


## PLL Reference Frequency

1. Rotate the **DIAL** knob to set the display to "B4006", then set the Transmit Power Level to "LOW" by pressing the **[LOW(ACC)]** key repeatedly.
2. Press the **[BAND(SET)]** key while pressing and holding in the **[⌘(L)]** key, if needed, to set the Alignment parameter to "A-O REF.xxH".
3. Press the **PTT** switch to activate the transmitter, and adjust the **DIAL** knob while pressing and holding the **[⌘(L)]** key, if needed, so that the counter frequency reading is 435.050 MHz (±100 Hz).

## RF Front-end Tuning

1. Connect the DC voltmeter to **TP1010** on the MAIN Unit, then inject a 439.050 MHz signal at a level of +10 dBμ (with 1 kHz modulation @±3.5 kHz deviation) from the RF Signal Generator.
2. Rotate the **DIAL** knob to set the display to "B4906".
3. Press the **[BAND(SET)]** key while pressing and holding the **[⌘(L)]** key to set the Alignment parameter to "A-1 TUN.xxH".
4. Adjust the **DIAL** knob while pressing and holding in the **[⌘(L)]** key, if needed, so that the DC voltmeter reaches maximum deflection. The **FT-7900R/E**'s RF Front-end has a broad bandwidth.
5. Press the **[BAND(SET)]** key, then rotate the **DIAL** knob to set the display to "B0106".
6. Inject a 145.050 MHz signal at a level of +10 dBμ (with 1 kHz modulation @±3.5 kHz deviation) from the RF Signal Generator.
7. Adjust the **DIAL** knob while pressing and holding in the **[⌘(L)]** key, if needed, so that the DC voltmeter reaches maximum deflection. As in the previous section, be sure to set the **DIAL** knob for the center of the band prior to making this adjustment.



**MAIN UNIT TEST POINTS**

## TX Power Output

1. Press the **[BAND(SET)]** key, then rotate the **DIAL** knob to set the display to "B5006". Set the Transmit Power Level to "LOW" by pressing the **[LOW(ACC)]** key repeatedly.
2. Press the **[BAND(SET)]** key while pressing and holding in the **[Σ(L)]** key to set the Alignment parameter to "A-2 PWR.xxH."
3. Press the **PTT** switch to activate the transmitter, and adjust the **DIAL** knob while pressing and holding in the **[Σ(L)]** key, if needed, so that the wattmeter reading is 5 Watts ( $\pm 0.5$  Watt).
4. Press the **[LOW(ACC)]** key to increase the Transmit Power Level to "MID1."
5. Press the **PTT** switch to activate the transmitter, and adjust the **DIAL** knob while pressing and holding in the **[Σ(L)]** key, if needed, so that the wattmeter reading is 10 Watts ( $\pm 0.5$  Watt).
6. Press the **[LOW(ACC)]** key to increase the Transmit Power Level to "MID1."
7. Press the **PTT** switch to activate the transmitter, and adjust the **DIAL** knob while pressing and holding in the **[Σ(L)]** key, if needed, so that the wattmeter reading is 20 Watts ( $\pm 0.5$  Watt).
8. Press the **[LOW(ACC)]** key to increase the Transmit Power Level to "HIGH."
9. Press the **PTT** switch to activate the transmitter, and adjust the **DIAL** knob while pressing and holding in the **[Σ(L)]** key, if needed, so that the wattmeter reading is 45 Watts ( $\pm 0.5$  Watt).
10. Press the **[BAND(SET)]** key, then rotate the **DIAL** knob to set the display to "B0206". Set the Transmit Power Level to "LOW" by pressing the **[LOW(ACC)]** key repeatedly.
11. Press the **PTT** switch to activate the transmitter, and adjust the **DIAL** knob while press and holding the **[Σ(L)]** key, as needed, so that the wattmeter reading is 5 Watts ( $\pm 0.5$  Watt).
12. Press the **[LOW(ACC)]** key to increase the Transmit Power Level to "MID2."
13. Press the **PTT** switch to activate the transmitter, and adjust the **DIAL** knob while pressing and holding in the **[Σ(L)]** key, if needed, so that the wattmeter reading is 10 Watts ( $\pm 0.5$  Watt).

14. Press the **[LOW(ACC)]** key to increase the Transmit Power Level to "MID1."
15. Press the **PTT** switch to activate the transmitter, and adjust the **DIAL** knob while pressing and holding in the **[Σ(L)]** key, if needed, so that the wattmeter reading is 20 Watts ( $\pm 0.5$  Watt).
16. Press the **[LOW(ACC)]** key to increase the Transmit Power Level to "HIGH."
17. Press the **PTT** switch to activate the transmitter, and adjust the **DIAL** knob while pressing and holding in the **[Σ(L)]** key, if needed, so that the wattmeter reading is 50 Watts ( $\pm 0.5$  Watt).

## TX Deviation

1. Press the **[BAND(SET)]** key, then rotate the **DIAL** knob to set the display to "B5006". Set the Transmit Power Level to "LOW" by pressing the **[LOW(ACC)]** key repeatedly.
2. Press the **[BAND(SET)]** key while pressing and holding in the **[Σ(L)]** key to set the Alignment parameter to "A-3 DEV.xxH."
3. Inject a 1 kHz audio tone at a level of 80 mV ( $-20$  dBm) from the Audio Generator.
4. Press the **PTT** switch to activate the transmitter, and adjust the **DIAL** knob while pressing and holding in the **[Σ(L)]** key, if needed, so that the deviation meter reading is 4.5 kHz ( $\pm 0.2$  kHz).
5. Press the **[BAND(SET)]** key, then rotate the **DIAL** knob to set the display to "B0206". Set the Transmit Power Level to "LOW" by pressing the **[LOW(ACC)]** key repeatedly.
6. Press the **PTT** switch to activate the transmitter, and adjust the **DIAL** knob while pressing and holding in the **[Σ(L)]** key, if needed, so that the deviation meter reading is 4.5 kHz ( $\pm 0.2$  kHz).

# Alignment

## DCS TX Deviation

1. Press the [**BAND(SET)**] key, then rotate the **DIAL** knob to set the display to "B5006". Set the Transmit Power Level to "LOW" by pressing the [**LOW(ACC)**] key repeatedly.
2. Activate the DCS with a "023" DCS code.
  - 1) Press the [**TONE(REV)**] key until "DCS" appears on the display.
  - 2) Press and hold in the [**BAND(SET)**] key for 1/2 second to enter the Set mode.
  - 3) Rotate the **DIAL** knob to select Menu #9 (DCS.COD).
  - 4) Press the [**BAND(SET)**] key to enable adjustment of the selected Menu Item.
  - 5) Rotate the **DIAL** knob to select "DCS.023".
  - 6) Press and hold in the [**BAND(SET)**] key for 1/2 second to save the DCS code.
3. Press the [**BAND(SET)**] key while pressing and holding in the [**⌘(L)**] key to set the Alignment parameter to "A-4 DSC.xxH."
4. Press the **PTT** switch to activate the transmitter (with no microphone input), and adjust the **DIAL** knob while pressing and holding in the [**⌘(L)**] key, if needed, so that the deviation meter reading is between 0.50 kHz and 0.60 kHz.
5. Press the [**BAND(SET)**] key, then rotate the **DIAL** knob to set the display to "B0206". Set the Transmit Power Level to "LOW" by pressing the [**LOW(ACC)**] key repeatedly.
6. Activate the DCS with a "023" DCS code.
  - 1) Press the [**TONE(REV)**] key until "DCS" appears on the display.
  - 2) Press and hold in the [**BAND(SET)**] key for 1/2 second to enter the Set mode.
  - 3) Rotate the **DIAL** knob to select Menu #9 (DCS.COD).
  - 4) Press the [**BAND(SET)**] key to enable adjustment of the selected Menu Item.
  - 5) Rotate the **DIAL** knob to select "DCS.023".
  - 6) Press and hold in the [**BAND(SET)**] key for 1/2 second to save the DCS code.
7. Press the **PTT** switch to activate the transmitter (with no microphone input), and adjust the **DIAL** knob while pressing and holding in the [**⌘(L)**] key, if needed, so that the deviation meter reading is between 0.50 kHz and 0.60 kHz.

## CTCSS TX Deviation

1. Press the [**BAND(SET)**] key, then rotate the **DIAL** knob to set the display to "B5006". Set the Transmit Power Level to "LOW" by pressing the [**LOW(ACC)**] key repeatedly.
2. Activate the CTCSS Encoder with a "100 Hz" tone.
  - 1) Press the [**TONE(REV)**] key until "ENC DEC" appears on the display.
  - 2) Press and hold in the [**BAND(SET)**] key for 1/2 second to enter the Set mode.
  - 3) Rotate the **DIAL** knob to select Menu #44 (TN FRQ).
  - 4) Press the [**BAND(SET)**] key to enable adjustment of the selected Menu Item.
  - 5) Rotate the **DIAL** knob to select "100.0HZ".
  - 6) Press and hold in the [**BAND(SET)**] key for 1/2 second to save the CTCSS tone.
3. Press the [**BAND(SET)**] key while press and holding the [**⌘(L)**] key to set the Alignment parameter to "A-5 CTC.xxH."
4. Press the **PTT** switch to activate the transmitter (with no microphone input), and adjust the **DIAL** knob while pressing and holding in the [**⌘(L)**] key, if needed, so that the deviation meter reading is between 0.65 kHz and 0.75 kHz.
5. Press the [**BAND(SET)**] key, then rotate the **DIAL** knob to set the display to "B0206". Set the Transmit Power Level to "LOW" by pressing the [**LOW(ACC)**] key repeatedly.
6. Activate the CTCSS Encoder with a "100 Hz" tone.
  - 1) Press the [**TONE(REV)**] key until "ENC DEC" appears on the display.
  - 2) Press and hold in the [**BAND(SET)**] key for 1/2 second to enter the Set mode.
  - 3) Rotate the **DIAL** knob to select Menu #44 (TN FRQ).
  - 4) Press the [**BAND(SET)**] key to enable adjustment of the selected Menu Item.
  - 5) Rotate the **DIAL** knob to select "100.0HZ".
  - 6) Press and hold in the [**BAND(SET)**] key for 1/2 second to save the CTCSS tone.
7. Press the **PTT** switch to activate the transmitter (with no microphone input), and adjust the **DIAL** knob while pressing and holding in the [**⌘(L)**] key, if needed, so that the deviation meter reading is between 0.65 kHz and 0.75 kHz.

## Center Meter Sensitivity

1. Press the **[BAND(SET)]** key, then rotate the **DIAL** knob to set the display to "B5006".
2. Press the **[BAND(SET)]** key while press and holding the **[⌘(L)]** key to set the Alignment parameter to "A-6 CNTL/V."
3. Inject a 1 kHz audio tone at a level of +10 dBμ from the Audio Generator.
4. Press the **[LOW(ACC)]** key while press and holding the **[⌘(L)]** key.

## S-Meter Sensitivity

1. Press the **[BAND(SET)]** key, then rotate the **DIAL** knob to set the display to "B5006".
2. Press the **[BAND(SET)]** key while press and holding the **[⌘(L)]** key to set the Alignment parameter to "A-7 SM L/V."
3. Inject a 440.050 MHz signal at a level of -5 dBμ (with 1 kHz modulation @±3.5 kHz deviation) from the RF Signal Generator.
4. Press the **[LOW(ACC)]** key while pressing and holding in the **[⌘(L)]** key.
5. Increase the RF Signal Generator output level to +23 dBμ.
6. Press the **[V/M(MW)]** key while pressing and holding in the **[⌘(L)]** key.
7. Press the **[BAND(SET)]** key, then rotate the **DIAL** knob to set the display to "B0206".
8. Inject a 146.050 MHz signal at a level of -5 dBμ (with 1 kHz modulation @±3.5 kHz deviation) from the RF Signal Generator.
9. Press the **[LOW(ACC)]** key while pressing and holding in the **[⌘(L)]** key.
10. Increase the RF Signal Generator output level to +23 dBμ.
11. Press the **[V/M(MW)]** key while pressing and holding in the **[⌘(L)]** key.

## DC Voltmeter

1. Set the power supply voltage to 13.8 VDC.
2. Press the **[BAND(SET)]** key while pressing and holding in the **[⌘(L)]** key to set the Alignment parameter to "A-8 BAT SC."
3. Press the **[SCAN(SEL)]** key.

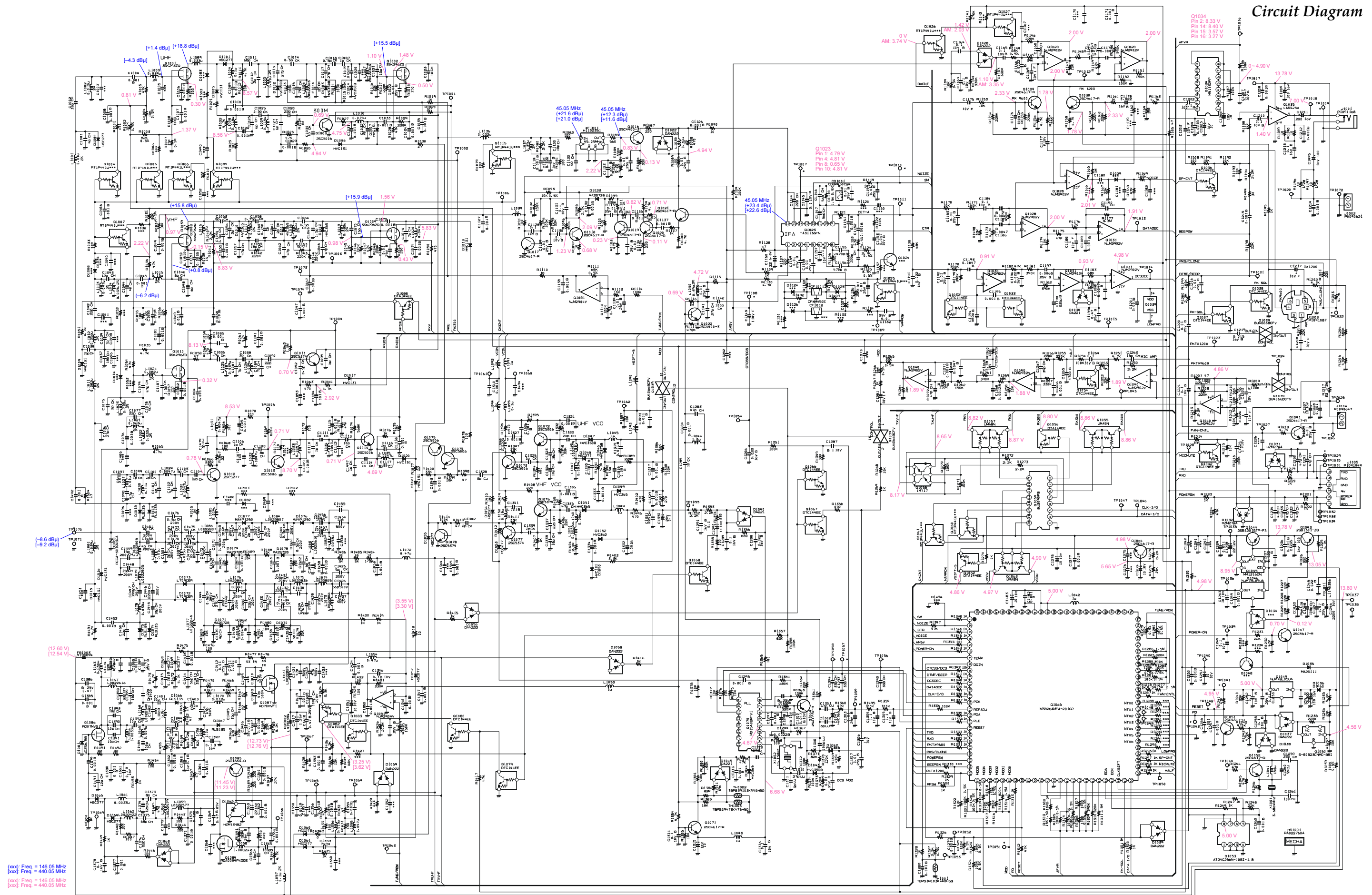
## To close the Alignment mode

1. Press and hold in the **[PWR(⏻)]** switch for 1/2 second to turn the radio off.
2. Press and hold in the **[MHz(PRI)]** key while turning the radio on.
3. Rotate the **DIAL** knob so select menu "F-8 NOR/CH."
4. Press and hold in the **[BAND(SET)]** key for 1/2 second. The radio is turned off automatically, and then switched on again afterwards with normal operation.

*Alignment*

*Note*



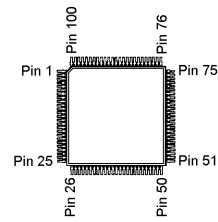


(xxx) Freq = 146.05 MHz  
 (xxx) Freq = 440.05 MHz  
 (xxx) Freq = 146.05 MHz  
 (xxx) Freq = 440.05 MHz

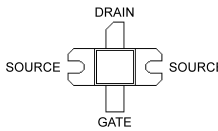
***MAIN Unit (Lot. 1 ~ 115)***

*Note*

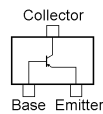




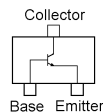
M3826AEFGP  
(Q1065)



RD70HVF1  
(Q1087)



2SA1774 (FR)  
(Q1069)



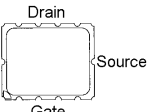
2SC4400 (RT4)  
(Q1016)

2SC4617 (BR)  
(Q1019, 1020, 1029,  
1030, 1047, 1064,  
1071)

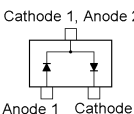
2SC5006 (24)  
(Q1003, 1013, 1014,  
1074, 1075)

2SC5277 (D2)  
(Q1012)

2SC5374 (NA)  
(Q1078)



RD07MVS1  
(Q1086)



DA221 (K)  
(D1040)

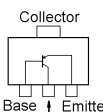


BU2090FS  
(Q1059)

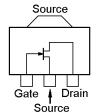
M51132FP  
(Q1034)

MB15A022PFV1  
(Q1070)

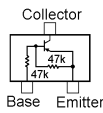
TA31136FN  
(Q1023)



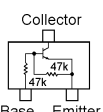
2SB1301 (ZQ)  
(Q1043)



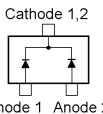
RQA0004PXDQS (PX)  
(Q1084)



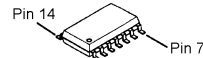
DTA144EE (16)  
(Q1056, 1062)



DTC144EE (26)  
(Q1037, 1038, 1054,  
1068)

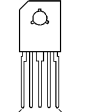


DAN222 (N)  
(D1022, 1063)

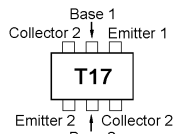


BU4066BCFV  
(Q1039)

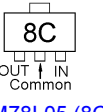
NJM2902V  
(Q1040)



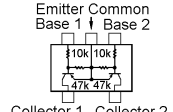
LA4425A  
(Q1035)



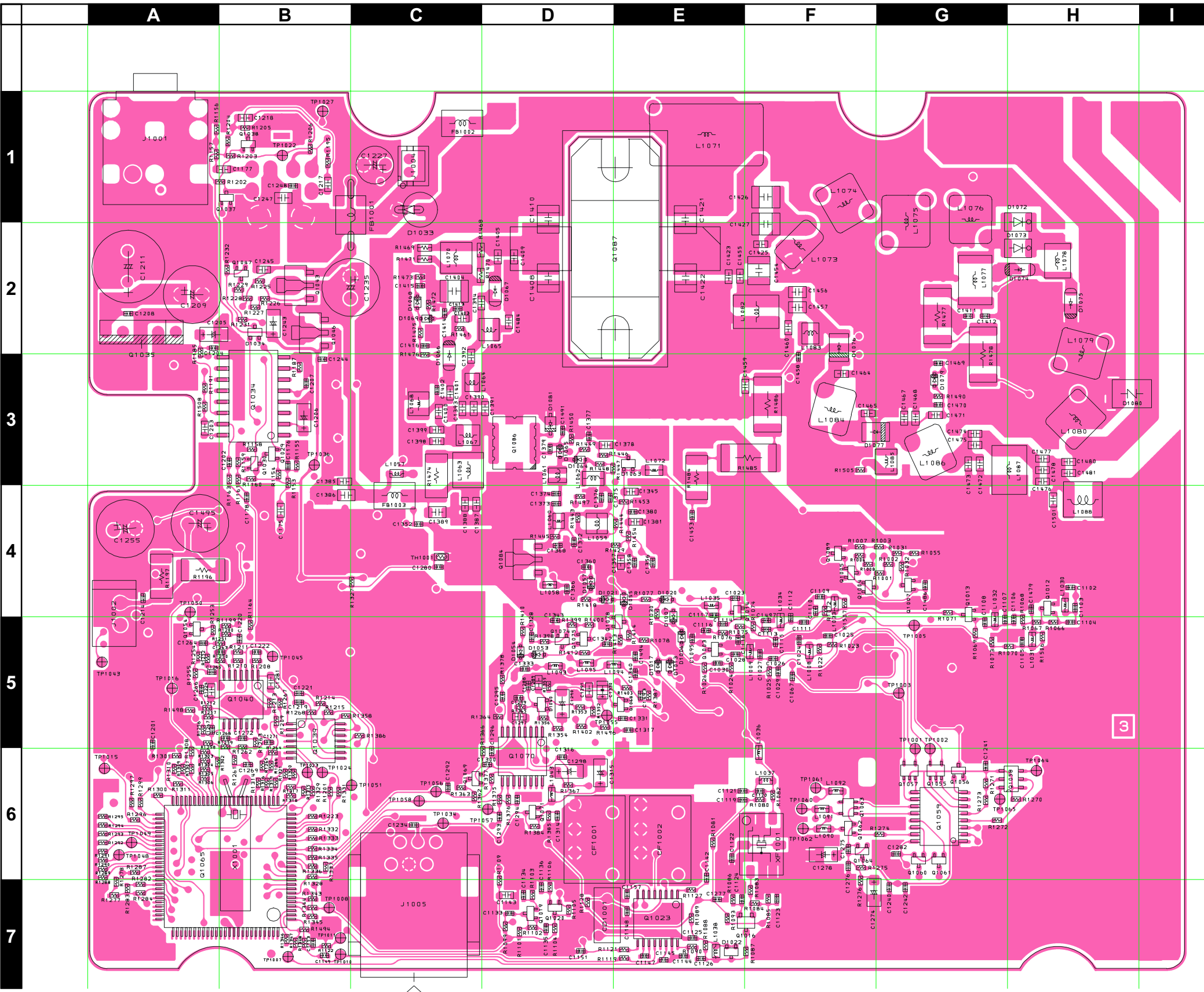
IMT17 (T17)  
(Q1058)



NJM78L05 (8C)  
(Q1046)

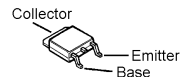


UMA8N (A8)  
(Q1055, 1057, 1063)

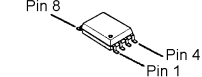


## MAIN Unit (Lot. 1 ~ 115)

### Parts Layout (Side B)

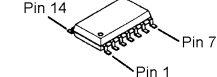


2SB1201S  
(Q1044)

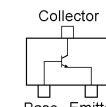


AT24C256  
(Q1053)

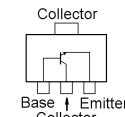
NJM2904V  
(Q1081)



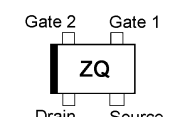
NJM2902V  
(Q1028, 1031)



2SC4400 (RT4)  
(Q1022)



2SD1664 (DA)  
(Q1085)

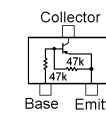


3SK296ZQ (ZQ)  
(Q1001, 1002, 1008,  
1009, 1010)

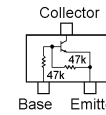
2SC4617 (BR)  
(Q1017, 1018, 1021,  
1041, 1051, 1052)

2SC5006 (24)  
(Q1072, 1073)

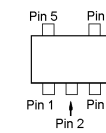
2SC5374 (NA)  
(Q1011, 1076, 1077)



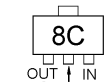
DTA144EE (16)  
(Q1082, 1088)



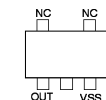
**DTC144EE (26)**  
(Q1032, 1033, 1036,  
1042, 1066, 1067,  
1079, 1080, 1083)



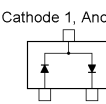
MM1216ENRE (1C)  
(Q1045)



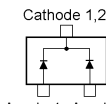
NJM78L05 (8C)  
(Q1049)



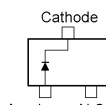
S-80823CNMC  
(Q1050)



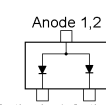
DA221 (K)  
(D1030, 1045)



DAN222 (N)  
(D1028, 1037, 1038,  
1039, 1056, 1058,  
1059)

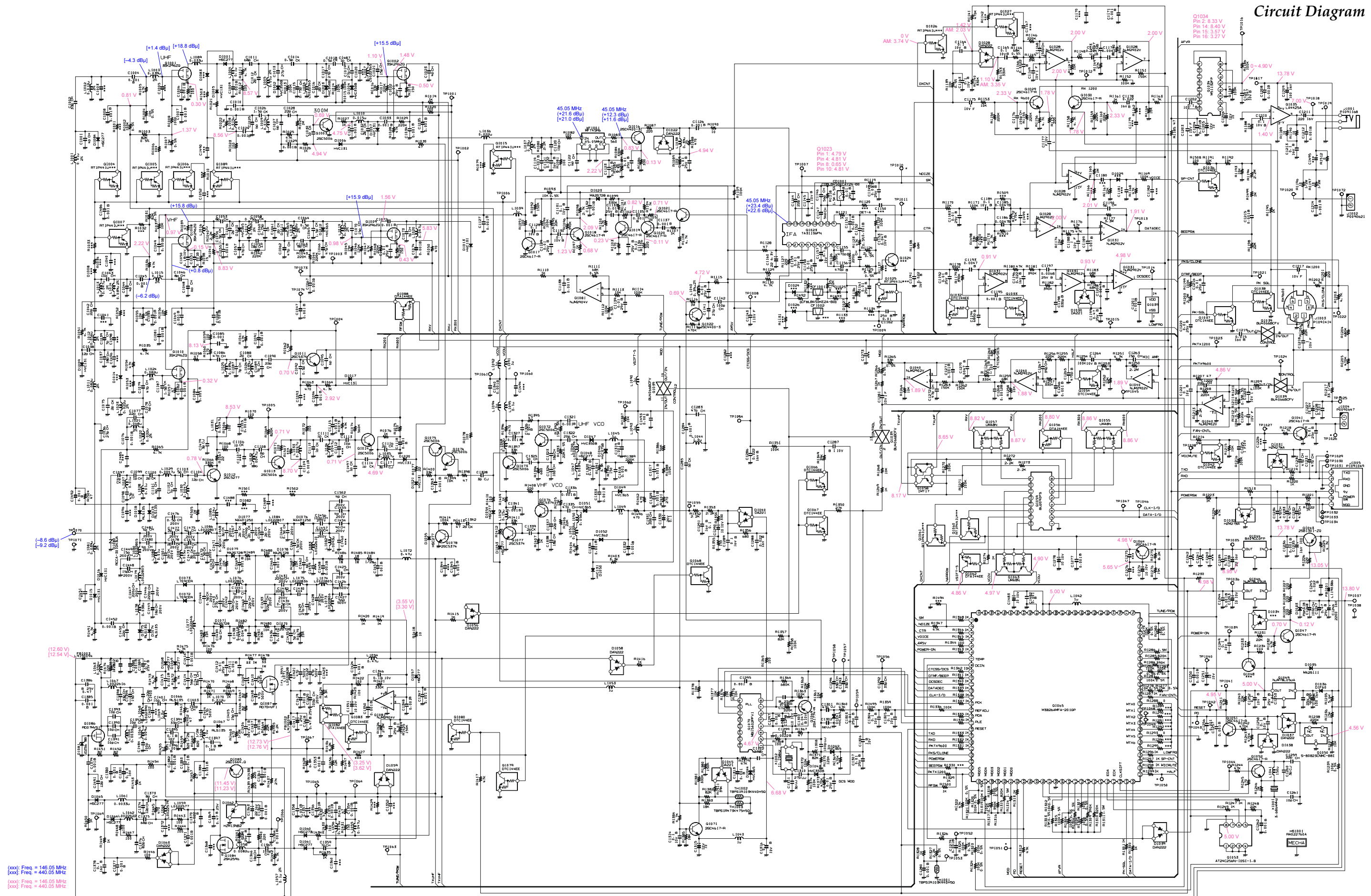


HZM13NB2 (132)  
(D1062)



HZM27WA (27A)  
(D1031, 1032)

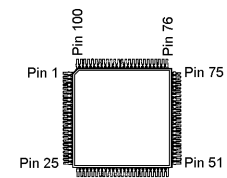




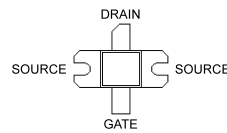
(xxx) Freq = 146.05 MHz  
 (xxx) Freq = 440.05 MHz  
 (xxx) Freq = 146.05 MHz  
 (xxx) Freq = 440.05 MHz

***MAIN Unit (Lot. 116 ~)***

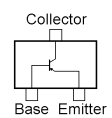
*Note*



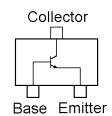
**M3826AEFGP**  
(Q1065)



**RD70HVF1**  
(Q1087)



**2SA1774 (FR)**  
(Q1069)



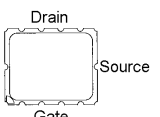
**2SC4400 (RT4)**  
(Q1016)

**2SC4617 (BR)**  
(Q1019, 1020, 1029,  
1030, 1047, 1064,  
1071)

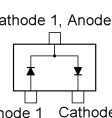
**2SC5006 (24)**  
(Q1003, 1013, 1014,  
1074, 1075)

**2SC5277 (D2)**  
(Q1012)

**2SC5374 (NA)**  
(Q1078)



**RD07MVS1**  
(Q1086)



**DA221 (K)**  
(D1040)

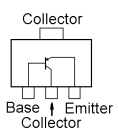


**BU2090FS**  
(Q1059)

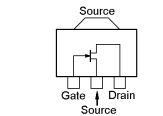
**M51132FP**  
(Q1034)

**MB15A022PFV1**  
(Q1070)

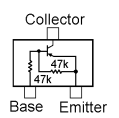
**TA31136FN**  
(Q1023)



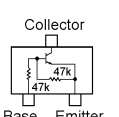
**2SB1301 (ZQ)**  
(Q1043)



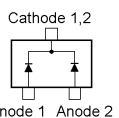
**RQA0004PXDQS (PX)**  
(Q1084)



**DTA144EE (16)**  
(Q1056, 1062)



**DTC144EE (26)**  
(Q1037, 1038, 1054,  
1068)

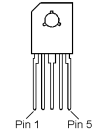


**DAN222 (N)**  
(D1022, 1063)

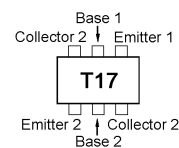


**BU4066BCFV**  
(Q1039)

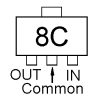
**NJM2902V**  
(Q1040)



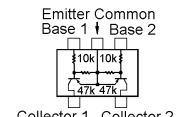
**LA4425A**  
(Q1035)



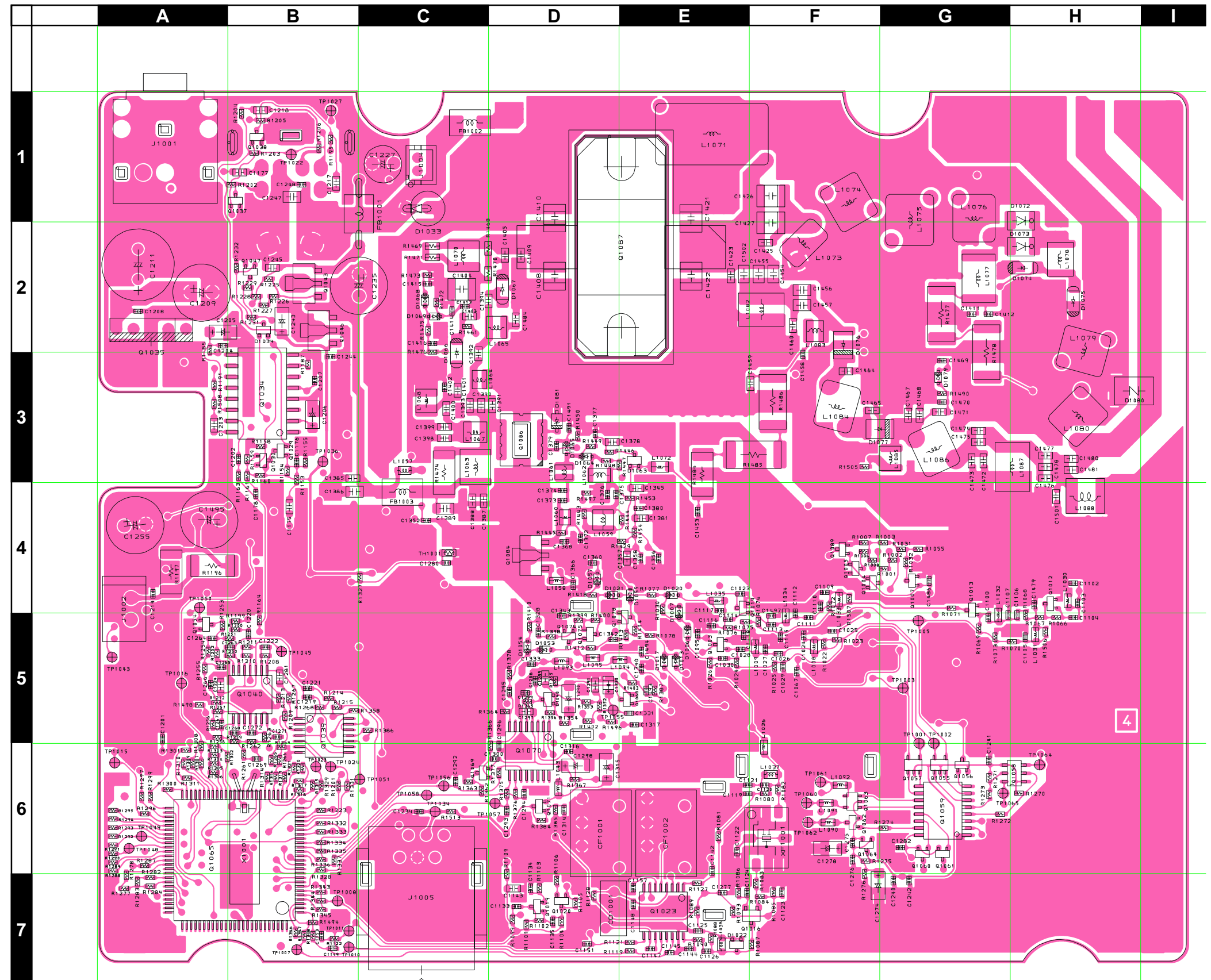
**IMT17 (T17)**  
(Q1058)



**NJM78L05 (8C)**  
(Q1046)



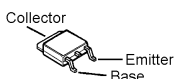
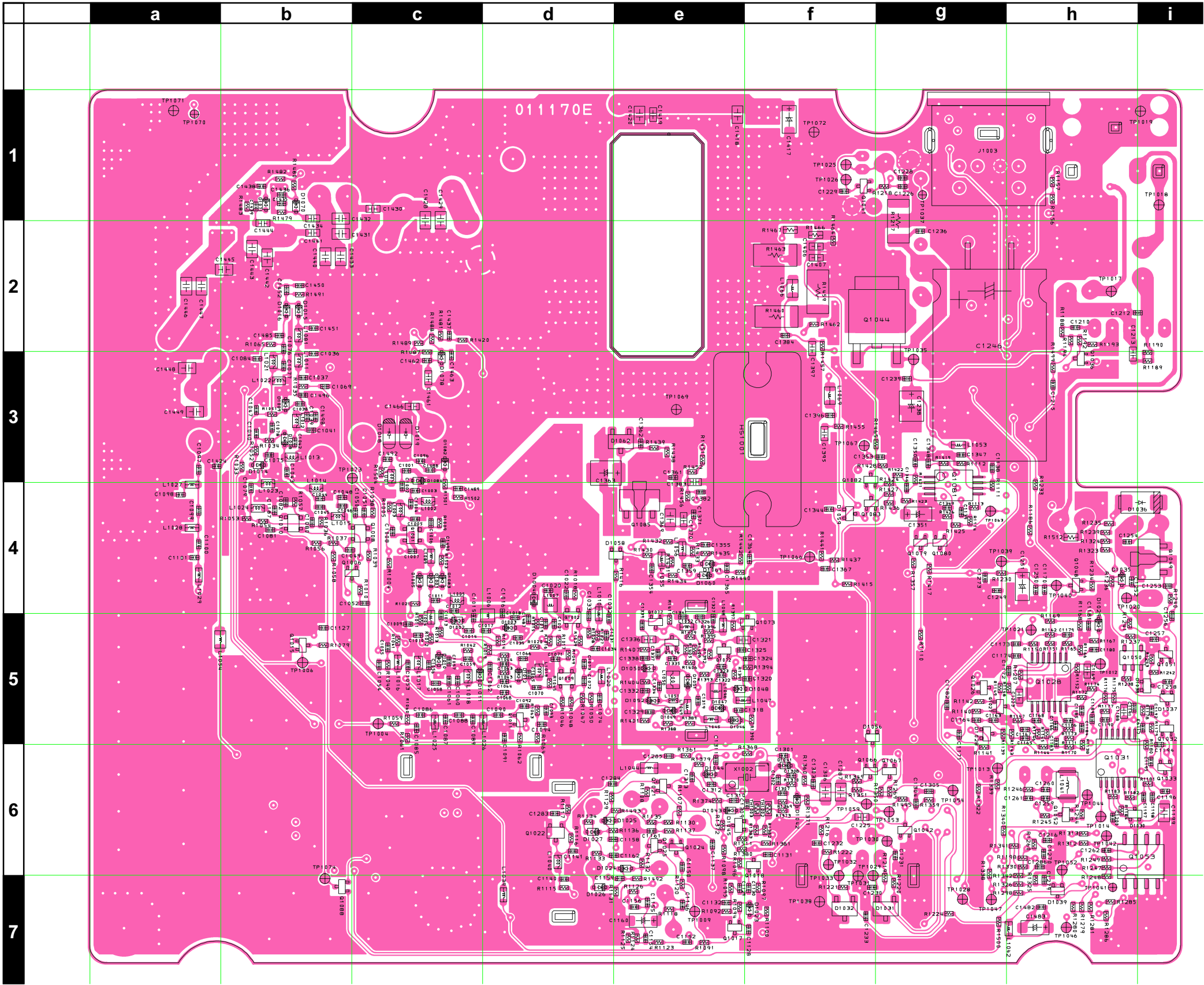
**UMA8N (A8)**  
(Q1055, 1057, 1063)



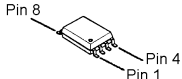


MAIN Unit (Lot. 116 ~)

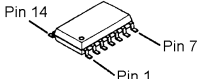
Parts Layout (Side B)



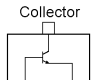
2SB1201S  
(Q1044)



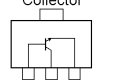
AT24C256  
(Q1053)  
NJM2904V  
(Q1081)



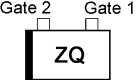
NJM2902V  
(Q1028, 1031)



2SC4400 (RT4)  
(Q1022)



2SD1664 (DA)  
(Q1085)

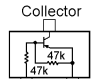


3SK296ZQ (ZQ)  
(Q1001, 1002, 1008,  
1009, 1010)

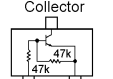
2SC4617 (BR)  
(Q1017, 1018, 1021,  
1041, 1051, 1052)

2SC5006 (24)  
(Q1072, 1073)

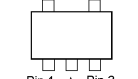
2SC5374 (NA)  
(Q1011, 1076, 1077)



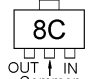
DTA144EE (16)  
(Q1082, 1088)



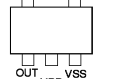
DTC144EE (26)  
(Q1032, 1033, 1036,  
1042, 1066, 1067,  
1079, 1080, 1083)



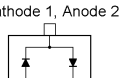
MM1216ENRE (1C)  
(Q1045)



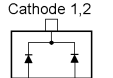
NJM78L05 (8C)  
(Q1049)



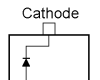
S-80823CNMC  
(Q1050)



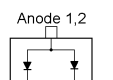
DA221 (K)  
(D1030, 1045)



DAN222 (N)  
(D1028, 1037, 1038,  
1039, 1056, 1058,  
1059)



HZM13NB2 (132)  
(D1062)



HZM27WA (27A)  
(D1031, 1032)



| REF                 | DESCRIPTION | VALUE   | V/W | TOL. | MFR'S DESIG        | YAESU P/N | VERS.  | LOT | SIDE | LAY ADR |
|---------------------|-------------|---------|-----|------|--------------------|-----------|--------|-----|------|---------|
| PCB with Components |             |         |     |      |                    | CS1803017 | USA    |     |      |         |
|                     |             |         |     |      |                    | CS1803018 | EXP A1 |     |      |         |
|                     |             |         |     |      |                    | CS1803019 | EXP A2 |     |      |         |
|                     |             |         |     |      |                    | CS1803020 | EXP A3 |     |      |         |
|                     |             |         |     |      |                    | CS1803021 | CE B1  |     |      |         |
|                     |             |         |     |      |                    | CS1803022 | CE B2  |     |      |         |
|                     |             |         |     |      |                    | CS1803023 | EXP B3 |     |      |         |
|                     |             |         |     |      |                    | CS1803024 | CE C1  |     |      |         |
|                     |             |         |     |      |                    | CS1803025 | CE C2  |     |      |         |
|                     |             |         |     |      |                    | CS1803026 | EXP C3 |     |      |         |
|                     |             |         |     |      |                    | CS1803027 | EXP D1 |     |      |         |
|                     |             |         |     |      |                    | CS1803028 | EXP D2 |     |      |         |
|                     |             |         |     |      |                    | CS1803029 | AUS H1 |     |      |         |
|                     |             |         |     |      |                    | CS1803030 | AUS H2 |     |      |         |
| C 1001              | CHIP CAP.   | 4pF     | 50V | CH   | GRM1552C1H4R0BZ01D | K22178291 |        | 1-  | B    | c3      |
| C 1002              | CHIP CAP.   | 33pF    | 50V | CH   | GRM1552C1H330JZ01D | K22178224 |        | 1-  | B    | c4      |
| C 1004              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | c4      |
| C 1006              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | c4      |
| C 1007              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | c4      |
| C 1008              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | c4      |
| C 1009              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | c5      |
| C 1010              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | c5      |
| C 1011              | CHIP CAP.   | 68pF    | 50V | CH   | GRM1552C1H680JZ01D | K22178232 |        | 1-  | B    | c4      |
| C 1012              | CHIP CAP.   | 2pF     | 50V | CK   | GRM1554C1H2R0BZ01D | K22178289 |        | 1-  | B    | c4      |
| C 1013              | CHIP CAP.   | 27pF    | 50V | CH   | GRM1552C1H270JZ01D | K22178222 |        | 1-  | B    | c5      |
| C 1014              | CHIP CAP.   | 0.5pF   | 50V | CK   | GRM1554C1HR50BZ01D | K22178285 |        | 1-  | B    | c5      |
| C 1015              | CHIP CAP.   | 0.75pF  | 50V | CK   | GRM1554C1HR75BZ01D | K22178286 |        | 1-  | B    | c5      |
| C 1016              | CHIP CAP.   | 2pF     | 50V | CK   | GRM1554C1H2R0BZ01D | K22178289 |        | 1-  | B    | d5      |
| C 1017              | CHIP CAP.   | 27pF    | 50V | CH   | GRM1552C1H270JZ01D | K22178222 |        | 1-  | B    | d5      |
| C 1018              | CHIP CAP.   | 0.5pF   | 50V | CK   | GRM1554C1HR50BZ01D | K22178285 |        | 1-  | B    | d5      |
| C 1019              | CHIP CAP.   | 27pF    | 50V | CH   | GRM1552C1H270JZ01D | K22178222 |        | 1-  | B    | d5      |
| C 1021              | CHIP CAP.   | 15pF    | 50V | CH   | GRM1552C1H150JZ01D | K22178216 |        | 1-  | B    | d5      |
| C 1022              | CHIP CAP.   | 0.01uF  | 25V | B    | GRM155B11E103KA01D | K22148834 |        | 1-  | B    | d4      |
| C 1023              | CHIP CAP.   | 4pF     | 50V | CH   | GRM1552C1H4R0BZ01D | K22178291 |        | 1-  | A    | E4      |
| C 1024              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | A    | F5      |
| C 1025              | CHIP CAP.   | 6pF     | 50V | CH   | GRM1552C1H6R0BZ01D | K22178293 |        | 1-  | A    | F5      |
| C 1026              | CHIP CAP.   | 1.5pF   | 50V | CK   | GRM1554C1H1R5BZ01D | K22178288 |        | 1-  | A    | F5      |
| C 1027              | CHIP CAP.   | 6pF     | 50V | CH   | GRM1552C1H6R0BZ01D | K22178293 |        | 1-  | A    | F5      |
| C 1028              | CHIP CAP.   | 22pF    | 50V | CH   | GRM1552C1H220JZ01D | K22178220 |        | 1-  | A    | E5      |
| C 1029              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | A    | F5      |
| C 1030              | CHIP CAP.   | 1pF     | 50V | CK   | GRM1554C1H1R0BZ01D | K22178287 |        | 1-  | A    | E5      |
| C 1031              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | d5      |
| C 1032              | CHIP CAP.   | 2pF     | 50V | CK   | GRM1554C1H2R0BZ01D | K22178289 |        | 1-  | B    | d5      |
| C 1033              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | d5      |
| C 1034              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | d5      |
| C 1035              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | d5      |
| C 1036              | CHIP CAP.   | 27pF    | 50V | CH   | GRM1552C1H270JZ01D | K22178222 |        | 1-  | B    | b3      |
| C 1037              | CHIP CAP.   | 18pF    | 50V | CH   | GRM1552C1H180JZ01D | K22178218 |        | 1-  | B    | b3      |
| C 1038              | CHIP CAP.   | 12pF    | 50V | CH   | GRM1552C1H120JZ01D | K22178214 |        | 1-  | B    | b3      |
| C 1039              | CHIP CAP.   | 7pF     | 50V | CH   | GRM1552C1H7R0BZ01D | K22178294 |        | 1-  | B    | b3      |
| C 1042              | CHIP CAP.   | 22pF    | 50V | CH   | GRM1552C1H220JZ01D | K22178220 |        | 1-  | B    | b3      |
| C 1043              | CHIP CAP.   | 10pF    | 50V | CH   | GRM1552C1H100BZ01D | K22178297 |        | 1-  | B    | b3      |
| C 1044              | CHIP CAP.   | 4pF     | 50V | CH   | GRM1552C1H4R0BZ01D | K22178291 |        | 1-  | B    | b4      |
| C 1045              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | b4      |
| C 1046              | CHIP CAP.   | 8pF     | 50V | CH   | GRM1552C1H8R0BZ01D | K22178295 |        | 1-  | B    | b4      |
| C 1047              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | b3      |
| C 1048              | CHIP CAP.   | 6pF     | 50V | CH   | GRM1552C1H6R0BZ01D | K22178293 |        | 1-  | B    | b4      |
| C 1049              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | b4      |
| C 1050              | CHIP CAP.   | 0.1uF   | 10V | B    | GRM155B11A104KA01D | K22108802 |        | 1-  | B    | c4      |
| C 1051              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | c4      |
| C 1053              | CHIP CAP.   | 8pF     | 50V | CH   | GRM1552C1H8R0BZ01D | K22178295 |        | 1-  | B    | c5      |
| C 1054              | CHIP CAP.   | 1.5pF   | 50V | CK   | GRM1554C1H1R5BZ01D | K22178288 |        | 1-  | B    | c5      |
| C 1055              | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |        | 1-  | B    | c5      |
| C 1056              | CHIP CAP.   | 2pF     | 50V | CK   | GRM1554C1H2R0BZ01D | K22178289 |        | 1-  | B    | c5      |
| C 1057              | CHIP CAP.   | 47pF    | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |        | 1-  | B    | c5      |
| C 1058              | CHIP CAP.   | 0.75pF  | 50V | CK   | GRM1554C1HR75BZ01D | K22178286 |        | 1-  | B    | c5      |
| C 1059              | CHIP CAP.   | 18pF    | 50V | CH   | GRM1552C1H180JZ01D | K22178218 |        | 1-  | B    | c5      |
| C 1060              | CHIP CAP.   | 0.75pF  | 50V | CK   | GRM1554C1HR75BZ01D | K22178286 |        | 1-  | B    | c5      |
| C 1061              | CHIP CAP.   | 2pF     | 50V | CK   | GRM1554C1H2R0BZ01D | K22178289 |        | 1-  | B    | c5      |
| C 1062              | CHIP CAP.   | 47pF    | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |        | 1-  | B    | d5      |

# MAIN Unit

## Parts List

| REF    | DESCRIPTION | VALUE   | V/W | TOL. | MFR'S DESIG        | YAESU P/N | VERS. | LOT | SIDE | LAY ADR |
|--------|-------------|---------|-----|------|--------------------|-----------|-------|-----|------|---------|
| C 1063 | CHIP CAP.   | 8pF     | 50V | CH   | GRM1552C1H8R0BZ01D | K22178295 |       | 1-  | B    | d5      |
| C 1064 | CHIP CAP.   | 0.5pF   | 50V | CK   | GRM1554C1HR50BZ01D | K22178285 |       | 1-  | B    | d5      |
| C 1065 | CHIP CAP.   | 1.5pF   | 50V | CK   | GRM1554C1H1R5BZ01D | K22178288 |       | 1-  | B    | d5      |
| C 1066 | CHIP CAP.   | 47pF    | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |       | 1-  | B    | d5      |
| C 1067 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | F5      |
| C 1068 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | d5      |
| C 1069 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | b3      |
| C 1070 | CHIP CAP.   | 15pF    | 50V | CH   | GRM1552C1H150JZ01D | K22178216 |       | 1-  | B    | d5      |
| C 1071 | CHIP CAP.   | 0.01uF  | 25V | B    | GRM155B11E103KA01D | K22148834 |       | 1-  | B    | d5      |
| C 1072 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | d5      |
| C 1073 | CHIP CAP.   | 7pF     | 50V | CH   | GRM1552C1H7R0BZ01D | K22178294 |       | 1-  | B    | d5      |
| C 1074 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | d5      |
| C 1075 | CHIP CAP.   | 2pF     | 50V | CK   | GRM1554C1H2R0BZ01D | K22178289 |       | 1-  | B    | b3      |
| C 1076 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | b2      |
| C 1077 | CHIP CAP.   | 22pF    | 50V | CH   | GRM1552C1H220JZ01D | K22178220 |       | 1-  | B    | b3      |
| C 1078 | CHIP CAP.   | 6pF     | 50V | CH   | GRM1552C1H6R0BZ01D | K22178293 |       | 1-  | B    | b3      |
| C 1079 | CHIP CAP.   | 47pF    | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |       | 1-  | B    | b4      |
| C 1080 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | b4      |
| C 1081 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | b4      |
| C 1082 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | b4      |
| C 1084 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | b3      |
| C 1085 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | c5      |
| C 1086 | CHIP CAP.   | 47pF    | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |       | 1-  | B    | c5      |
| C 1087 | CHIP CAP.   | 7pF     | 50V | CH   | GRM1552C1H7R0BZ01D | K22178294 |       | 1-  | B    | c5      |
| C 1088 | CHIP CAP.   | 2pF     | 50V | CK   | GRM1554C1H2R0BZ01D | K22178289 |       | 1-  | B    | c5      |
| C 1089 | CHIP CAP.   | 7pF     | 50V | CH   | GRM1552C1H7R0BZ01D | K22178294 |       | 1-  | B    | c5      |
| C 1090 | CHIP CAP.   | 22pF    | 50V | CH   | GRM1552C1H220JZ01D | K22178220 |       | 1-  | B    | d5      |
| C 1091 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | d5      |
| C 1092 | CHIP CAP.   | 0.5pF   | 50V | CK   | GRM1554C1HR50BZ01D | K22178285 |       | 1-  | B    | d5      |
| C 1094 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | d5      |
| C 1095 | CHIP CAP.   | 6pF     | 50V | CH   | GRM1552C1H6R0BZ01D | K22178293 |       | 1-  | A    | E5      |
| C 1097 | CHIP CAP.   | 2pF     | 50V | CK   | GRM1554C1H2R0BZ01D | K22178289 |       | 1-  | B    | a3      |
| C 1098 | CHIP CAP.   | 47pF    | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |       | 1-  | B    | a4      |
| C 1099 | CHIP CAP.   | 1pF     | 50V | CK   | GRM1554C1H1R0BZ01D | K22178287 |       | 1-  | B    | a4      |
| C 1100 | CHIP CAP.   | 2pF     | 50V | CK   | GRM1554C1H2R0BZ01D | K22178289 |       | 1-  | B    | a4      |
| C 1101 | CHIP CAP.   | 6pF     | 50V | CH   | GRM1552C1H6R0BZ01D | K22178293 |       | 1-  | B    | a4      |
| C 1102 | CHIP CAP.   | 7pF     | 50V | CH   | GRM1552C1H7R0BZ01D | K22178294 |       | 1-  | A    | H4      |
| C 1103 | CHIP CAP.   | 5pF     | 50V | CH   | GRM1552C1H5R0BZ01D | K22178292 |       | 1-  | A    | H4      |
| C 1104 | CHIP CAP.   | 12pF    | 50V | CH   | GRM1552C1H120JZ01D | K22178214 |       | 1-  | A    | H5      |
| C 1105 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | H5      |
| C 1106 | CHIP CAP.   | 1pF     | 50V | CK   | GRM1554C1H1R0BZ01D | K22178287 |       | 1-  | A    | H5      |
| C 1108 | CHIP CAP.   | 8pF     | 50V | CH   | GRM1552C1H8R0BZ01D | K22178295 |       | 1-  | A    | G5      |
| C 1109 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | F4      |
| C 1110 | CHIP CAP.   | 1pF     | 50V | CK   | GRM1554C1H1R0BZ01D | K22178287 |       | 1-  | A    | F4      |
| C 1111 | CHIP CAP.   | 1pF     | 50V | CK   | GRM1554C1H1R0BZ01D | K22178287 |       | 1-  | A    | F5      |
| C 1113 | CHIP CAP.   | 10pF    | 50V | CH   | GRM1552C1H100JZ01D | K22178212 |       | 1-  | A    | F5      |
| C 1114 | CHIP CAP.   | 1pF     | 50V | CK   | GRM1554C1H1R0BZ01D | K22178287 |       | 1-  | A    | E5      |
| C 1115 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | F5      |
| C 1116 | CHIP CAP.   | 2pF     | 50V | CK   | GRM1554C1H2R0BZ01D | K22178289 |       | 1-  | A    | E5      |
| C 1117 | CHIP CAP.   | 3pF     | 50V | CJ   | GRM1553C1H3R0BZ01D | K22178290 |       | 1-  | A    | E4      |
| C 1118 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | E5      |
| C 1119 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | E6      |
| C 1120 | CHIP CAP.   | 10pF    | 50V | CH   | GRM1552C1H100BZ01D | K22178297 |       | 1-  | A    | F6      |
| C 1121 | CHIP CAP.   | 0.022uF | 16V | B    | GRM155B11C223KA01D | K22128806 |       | 1-  | A    | E6      |
| C 1122 | CHIP CAP.   | 6pF     | 50V | CH   | GRM1552C1H6R0BZ01D | K22178293 |       | 1-  | A    | E6      |
| C 1123 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | F7      |
| C 1124 | CHIP CAP.   | 0.01uF  | 25V | B    | GRM155B11E103KA01D | K22148834 |       | 1-  | A    | E7      |
| C 1125 | CHIP CAP.   | 0.01uF  | 25V | B    | GRM155B11E103KA01D | K22148834 |       | 1-  | A    | E7      |
| C 1126 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | E7      |
| C 1127 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | b5      |
| C 1128 | CHIP CAP.   | 0.1uF   | 10V | B    | GRM155B11A104KA01D | K22108802 |       | 1-  | B    | f7      |
| C 1129 | CHIP CAP.   | 0.01uF  | 25V | B    | GRM155B11E103KA01D | K22148834 |       | 1-  | B    | e7      |
| C 1130 | CHIP CAP.   | 0.1uF   | 10V | B    | GRM155B11A104KA01D | K22108802 |       | 1-  | B    | f7      |
| C 1131 | CHIP CAP.   | 0.1uF   | 10V | B    | GRM155B11A104KA01D | K22108802 |       | 1-  | B    | f6      |
| C 1132 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | e7      |
| C 1133 | CHIP CAP.   | 0.01uF  | 25V | B    | GRM155B11E103KA01D | K22148834 |       | 1-  | A    | D7      |
| C 1134 | CHIP CAP.   | 0.01uF  | 25V | B    | GRM155B11E103KA01D | K22148834 |       | 1-  | A    | D7      |
| C 1135 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | D7      |
| C 1137 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | e6      |
| C 1138 | CHIP CAP.   | 0.001uF | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | g3      |

| REF    | DESCRIPTION     | VALUE    | V/W  | TOL. | MFR'S DESIG        | YAESU P/N | VERS.     | LOT | SIDE | LAY ADR |
|--------|-----------------|----------|------|------|--------------------|-----------|-----------|-----|------|---------|
| C 1139 | CHIP CAP.       | 0.01uF   | 25V  | B    | GRM155B11E103KA01D | K22148834 |           | 1-  | B    | g4      |
| C 1140 | CHIP CAP.       | 0.01uF   | 25V  | B    | GRM155B11E103KA01D | K22148834 |           | 1-  | B    | d7      |
| C 1141 | CHIP CAP.       | 27pF     | 50V  | CH   | GRM1552C1H270JZ01D | K22178222 |           | 1-  | B    | d6      |
| C 1142 | CHIP CAP.       | 100pF    | 50V  | CH   | GRM1552C1H101JD01D | K22178236 |           | 1-  | A    | E6      |
| C 1143 | CHIP CAP.       | 1uF      | 10V  | F    | GRM188F11A105ZA01D | K22105001 |           | 1-  | A    | D7      |
| C 1144 | CHIP CAP.       | 22pF     | 50V  | CH   | GRM1552C1H220JZ01D | K22178220 |           | 1-  | A    | E7      |
| C 1145 | CHIP CAP.       | 0.1uF    | 10V  | B    | GRM155B11A104KA01D | K22108802 |           | 1-  | A    | E7      |
| C 1146 | CHIP CAP.       | 56pF     | 50V  | CH   | GRM1552C1H560JD01D | K22178230 |           | 1-  | B    | e7      |
| C 1147 | CHIP CAP.       | 56pF     | 50V  | CH   | GRM1552C1H560JD01D | K22178230 |           | 1-  | A    | E7      |
| C 1148 | CHIP CAP.       | 0.01uF   | 25V  | B    | GRM155B11E103KA01D | K22148834 |           | 1-  | A    | E7      |
| C 1149 | CHIP CAP.       | 0.01uF   | 25V  | B    | GRM155B11E103KA01D | K22148834 |           | 1-  | A    | B7      |
| C 1151 | CHIP CAP.       | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-  | A    | D7      |
| C 1152 | CHIP CAP.       | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-  | B    | e7      |
| C 1153 | CHIP CAP.       | 0.047uF  | 10V  | B    | GRM155B11A473KA01D | K22108801 |           | 1-  | A    | B7      |
| C 1154 | CHIP CAP.       | 220pF    | 50V  | CH   | GRM1552C1H221JA01D | K22179713 |           | 1-  | B    | e7      |
| C 1155 | CHIP CAP.       | 470pF    | 50V  | B    | GRM155B11H471KA01D | K22178805 |           | 1-  | B    | e7      |
| C 1156 | CHIP CAP.       | 470pF    | 50V  | B    | GRM155B11H471KA01D | K22178805 |           | 1-  | B    | e7      |
| C 1157 | CHIP CAP.       | 0.1uF    | 10V  | B    | GRM155B11A104KA01D | K22108802 |           | 1-  | A    | E7      |
| C 1158 | CHIP CAP.       | 0.01uF   | 25V  | B    | GRM155B11E103KA01D | K22148834 |           | 1-  | B    | e6      |
| C 1159 | CHIP CAP.       | 0.01uF   | 25V  | B    | GRM155B11E103KA01D | K22148834 |           | 1-  | B    | e7      |
| C 1160 | CHIP TA.CAP.    | 22uF     | 6.3V |      | TEESVA0J226M8R     | K78080047 |           | 1-  | B    | e7      |
| C 1161 | CHIP CAP.       | 0.01uF   | 25V  | B    | GRM155B11E103KA01D | K22148834 |           | 1-  | B    | e6      |
| C 1162 | CHIP CAP.       | 0.01uF   | 25V  | B    | GRM155B11E103KA01D | K22148834 |           | 1-  | B    | e6      |
| C 1163 | CHIP CAP.       | 0.1uF    | 10V  | B    | GRM155B11A104KA01D | K22108802 |           | 1-  | B    | g5      |
| C 1164 | CHIP CAP.       | 0.1uF    | 10V  | B    | GRM155B11A104KA01D | K22108802 |           | 1-  | B    | g5      |
| C 1165 | CHIP CAP.       | 0.1uF    | 10V  | B    | GRM155B11A104KA01D | K22108802 |           | 1-  | B    | h5      |
| C 1166 | CHIP CAP.       | 0.0022uF | 50V  | B    | GRM155B11H222KA01D | K22178813 |           | 1-  | B    | h5      |
| C 1168 | CHIP CAP.       | 150pF    | 50V  | CH   | GRM1552C1H151JA01D | K22178240 |           | 1-  | B    | h5      |
| C 1169 | CHIP CAP.       | 1uF      | 10V  | F    | GRM188F11A105ZA01D | K22105001 |           | 1-  | B    | h5      |
| C 1171 | CHIP CAP.       | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-  | B    | g5      |
| C 1172 | CHIP CAP.       | 0.0047uF | 50V  | B    | GRM155B11H472KA01D | K22178838 |           | 1-  | B    | h5      |
| C 1173 | CHIP CAP.       | 0.0047uF | 50V  | B    | GRM155B11H472KA01D | K22178838 |           | 1-  | B    | h5      |
| C 1174 | CHIP CAP.       | 0.0047uF | 50V  | B    | GRM155B11H472KA01D | K22178838 |           | 1-  | B    | h5      |
| C 1175 | CHIP CAP.       | 1uF      | 10V  | F    | GRM188F11A105ZA01D | K22105001 |           | 1-  | A    | B4      |
| C 1176 | CHIP CAP.       | 100pF    | 50V  | CH   | GRM1552C1H101JD01D | K22178236 |           | 1-  | A    | B3      |
| C 1177 | CHIP CAP.       | 1uF      | 10V  | F    | GRM188F11A105ZA01D | K22105001 |           | 1-  | A    | B1      |
| C 1178 | CHIP CAP.       | 0.022uF  | 16V  | B    | GRM155B11C223KA01D | K22128806 |           | 1-  | A    | B4      |
| C 1183 | CHIP CAP.       | 0.0033uF | 50V  | B    | GRM155B11H332KA01D | K22178815 | AUSTRALIA | 1-  | B    | h5      |
| C 1183 | CHIP CAP.       | 0.0033uF | 50V  | B    | GRM155B11H332KA01D | K22178815 | EXPORT    | 1-  | B    | h5      |
| C 1183 | CHIP CAP.       | 0.01uF   | 25V  | B    | GRM155B11E103KA01D | K22148834 | USA       | 1-  | B    | h5      |
| C 1184 | CHIP CAP.       | 0.01uF   | 25V  | B    | GRM155B11E103KA01D | K22148834 | AUSTRALIA | 1-  | B    | h5      |
| C 1184 | CHIP CAP.       | 0.01uF   | 25V  | B    | GRM155B11E103KA01D | K22148834 | EXPORT    | 1-  | B    | h5      |
| C 1184 | CHIP CAP.       | 0.1uF    | 10V  | B    | GRM155B11A104KA01D | K22108802 | USA       | 1-  | B    | h5      |
| C 1185 | CHIP CAP.       | 0.0047uF | 50V  | B    | GRM155B11H472KA01D | K22178838 | USA       | 1-  | B    | h5      |
| C 1186 | CHIP CAP.       | 0.0047uF | 50V  | B    | GRM155B11H472KA01D | K22178838 | USA       | 1-  | B    | h5      |
| C 1187 | CHIP CAP.       | 1.5pF    | 50V  | CK   | GRM1554C1H1R5BZ01D | K22178288 |           | 1-  | B    | b4      |
| C 1188 | CHIP CAP.       | 1uF      | 10V  | F    | GRM188F11A105ZA01D | K22105001 |           | 1-  | B    | h5      |
| C 1189 | CHIP CAP.       | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-  | B    | h5      |
| C 1190 | CHIP CAP.       | 5pF      | 50V  | CH   | GRM1552C1H5R0BZ01D | K22178292 |           | 1-  | B    | h5      |
| C 1191 | CHIP CAP.       | 0.022uF  | 16V  | B    | GRM155B11C223KA01D | K22128806 |           | 1-  | B    | h5      |
| C 1192 | CHIP CAP.       | 0.01uF   | 25V  | B    | GRM155B11E103KA01D | K22148834 |           | 1-  | B    | i5      |
| C 1193 | CHIP CAP.       | 0.0047uF | 50V  | B    | GRM155B11H472KA01D | K22178838 |           | 1-  | B    | i5      |
| C 1194 | CHIP CAP.       | 680pF    | 50V  | B    | GRM155B11H681KA01D | K22178807 |           | 1-  | B    | i6      |
| C 1195 | CHIP CAP.       | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-  | B    | i6      |
| C 1196 | CHIP CAP.       | 0.022uF  | 16V  | B    | GRM155B11C223KA01D | K22128806 |           | 1-  | B    | i6      |
| C 1197 | CHIP CAP.       | 0.0068uF | 25V  | B    | GRM155B11E682KA01D | K22148803 |           | 1-  | B    | i6      |
| C 1198 | CHIP CAP.       | 330pF    | 50V  | B    | GRM155B11H331KA01D | K22178803 |           | 1-  | B    | i6      |
| C 1199 | CHIP CAP.       | 0.47uF   | 25V  | B    | GRM21BB11E474KC01L | K22140824 |           | 1-  | B    | i6      |
| C 1200 | CHIP CAP.       | 0.0047uF | 50V  | B    | GRM155B11H472KA01D | K22178838 |           | 1-  | B    | h6      |
| C 1201 | CHIP CAP.       | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-  | A    | A5      |
| C 1202 | CHIP CAP.       | 0.1uF    | 10V  | B    | GRM155B11A104KA01D | K22108802 |           | 1-  | A    | B3      |
| C 1203 | CHIP CAP.       | 1uF      | 10V  | F    | GRM188F11A105ZA01D | K22105001 |           | 1-  | A    | A3      |
| C 1204 | CHIP CAP.       | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-  | A    | A2      |
| C 1205 | CHIP TA.CAP.    | 10uF     | 10V  |      | TEESVA1A106M8R     | K78100028 |           | 1-  | A    | A2      |
| C 1206 | CHIP TA.CAP.    | 10uF     | 10V  |      | TEESVA1A106M8R     | K78100028 |           | 1-  | A    | B3      |
| C 1207 | CHIP CAP.       | 0.047uF  | 10V  | B    | GRM155B11A473KA01D | K22108801 |           | 1-  | A    | B3      |
| C 1208 | CHIP CAP.       | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-  | A    | A2      |
| C 1209 | AL.ELECTRO.CAP. | 100uF    | 16V  |      | RC2-16V101MF1#-T58 | K46120007 |           | 1-  | A    | A2      |
| C 1210 | CHIP CAP.       | 0.1uF    | 10V  | B    | GRM155B11A104KA01D | K22108802 |           | 1-  | B    | h2      |
| C 1211 | AL.ELECTRO.CAP. | 220uF    | 16V  |      | RE2-16V221MG3#     | K40129048 |           | 1-  | A    | A2      |

# MAIN Unit

## Parts List

| REF    | DESCRIPTION     | VALUE    | V/W | TOL. | MFR'S DESIG        | YAESU P/N | VERS.     | LOT   | SIDE | LAY ADR |
|--------|-----------------|----------|-----|------|--------------------|-----------|-----------|-------|------|---------|
| C 1212 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | B    | i2      |
| C 1213 | CHIP CAP.       | 0.1uF    | 16V | B    | GRM188B11C104KA01D | K22124805 |           | 1-    | B    | h3      |
| C 1214 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | A    | A4      |
| C 1215 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | B    | h3      |
| C 1216 | CHIP CAP.       | 0.01uF   | 25V | B    | GRM155B11E103KA01D | K22148834 |           | 1-    | B    | h6      |
| C 1217 | CHIP CAP.       | 1uF      | 10V | F    | GRM188F11A105ZA01D | K22105001 |           | 1-    | A    | B1      |
| C 1218 | CHIP CAP.       | 1uF      | 10V | F    | GRM188F11A105ZA01D | K22105001 |           | 1-    | A    | B1      |
| C 1219 | CHIP CAP.       | 0.015uF  | 16V | B    | GRM155B11C153KA01D | K22128807 |           | 1-    | A    | B5      |
| C 1220 | CHIP CAP.       | 0.01uF   | 25V | B    | GRM155B11E103KA01D | K22148834 |           | 1-    | A    | B5      |
| C 1221 | CHIP CAP.       | 0.1uF    | 10V | B    | GRM155B11A104KA01D | K22108802 |           | 1-    | A    | B5      |
| C 1222 | CHIP CAP.       | 22pF     | 50V | CH   | GRM1552C1H220JZ01D | K22178220 |           | 1-    | A    | B5      |
| C 1223 | CHIP CAP.       | 1uF      | 10V | F    | GRM188F11A105ZA01D | K22105001 |           | 1-    | B    | h5      |
| C 1224 | CHIP CAP.       | 1uF      | 10V | F    | GRM188F11A105ZA01D | K22105001 |           | 1-    | A    | A5      |
| C 1225 | CHIP CAP.       | 1uF      | 10V | F    | GRM188F11A105ZA01D | K22105001 |           | 1-    | B    | f6      |
| C 1227 | AL.ELECTRO.CAP. | 10uF     | 16V |      | RC2-16V100MD1#-T58 | K46120004 |           | 1-    | A    | C1      |
| C 1228 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | B    | g1      |
| C 1229 | CHIP CAP.       | 0.01uF   | 25V | B    | GRM155B11E103KA01D | K22148834 |           | 1-    | B    | f1      |
| C 1230 | CHIP CAP.       | 47pF     | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |           | 1-    | B    | f7      |
| C 1231 | CHIP CAP.       | 47pF     | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |           | 1-    | B    | g6      |
| C 1232 | CHIP CAP.       | 47pF     | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |           | 1-97  | B    | f6      |
| C 1232 | CHIP CAP.       | 47pF     | 50V | CH   | GRM1552C1H470JZ01D | K22178228 | W/O CE    | 98-   | B    | f6      |
| C 1232 | CHIP CAP.       | 0.01uF   | 16V | B    | GRP155B11C103JA01E | K22128814 | W/ CE     | 98-   | B    | f6      |
| C 1233 | CHIP CAP.       | 47pF     | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |           | 1-    | B    | f7      |
| C 1234 | CHIP CAP.       | 47pF     | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |           | 1-    | A    | C6      |
| C 1235 | AL.ELECTRO.CAP. | 100uF    | 16V |      | RC2-16V101MF1#-T58 | K46120007 |           | 1-    | A    | B2      |
| C 1236 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | B    | g2      |
| C 1237 | CHIP CAP.       | 0.022uF  | 50V | B    | GRM188B11H223KA01D | K22174839 |           | 1-115 |      |         |
| C 1238 | CHIP TA.CAP.    | 22uF     | 16V |      | TEESVB21C226M8R    | K78120028 |           | 1-    | B    | g3      |
| C 1239 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | B    | g3      |
| C 1243 | CHIP TA.CAP.    | 10uF     | 10V |      | TEESVA1A106M8R     | K78100028 |           | 1-    | A    | B2      |
| C 1244 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | A    | B3      |
| C 1245 | CHIP CAP.       | 0.022uF  | 50V | B    | GRM188B11H223KA01D | K22174839 |           | 1-    | A    | B2      |
| C 1246 | AL.ELECTRO.CAP. | 2200uF   | 16V |      | RE3-16V222MI5#     | K40129064 |           | 1-    | B    | h2      |
| C 1246 | AL.ELECTRO.CAP. | 2200uF   | 16V |      | RJ5-16V222M        | K40129101 |           | 116-  | B    | h2      |
| C 1247 | CHIP CAP.       | 0.47uF   | 25V | B    | GRM21BB11E474KC01L | K22140824 |           | 1-    | A    | B1      |
| C 1248 | CHIP CAP.       | 100pF    | 50V | CH   | GRM1552C1H101JD01D | K22178236 |           | 1-    | A    | B1      |
| C 1249 | CHIP CAP.       | 0.1uF    | 10V | B    | GRM155B11A104KA01D | K22108802 |           | 1-    | B    | g4      |
| C 1250 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | B    | h4      |
| C 1251 | CHIP TA.CAP.    | 10uF     | 10V |      | TEESVA1A106M8R     | K78100028 |           | 1-    | B    | h4      |
| C 1252 | CHIP CAP.       | 0.1uF    | 10V | B    | GRM155B11A104KA01D | K22108802 |           | 1-    | B    | h4      |
| C 1253 | CHIP CAP.       | 0.01uF   | 25V | B    | GRM155B11E103KA01D | K22148834 |           | 1-    | B    | i4      |
| C 1254 | CHIP CAP.       | 0.01uF   | 25V | B    | GRM155B11E103KA01D | K22148834 |           | 1-    | B    | h4      |
| C 1255 | AL.ELECTRO.CAP. | 100uF    | 16V |      | RC2-16V101MF1#-T58 | K46120007 |           | 1-    | A    | A4      |
| C 1256 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | B    | i5      |
| C 1257 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | B    | i5      |
| C 1258 | CHIP CAP.       | 0.1uF    | 10V | B    | GRM155B11A104KA01D | K22108802 |           | 1-    | B    | i5      |
| C 1259 | CHIP CAP.       | 22pF     | 50V | CH   | GRM1552C1H220JZ01D | K22178220 |           | 1-    | B    | h6      |
| C 1260 | CHIP CAP.       | 3pF      | 50V | CJ   | GRM1553C1H3R0BZ01D | K22178290 |           | 1-    | B    | h6      |
| C 1261 | CHIP CAP.       | 10pF     | 50V | CH   | GRM1552C1H100JZ01D | K22178212 |           | 1-    | B    | h6      |
| C 1262 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | B    | h6      |
| C 1263 | CHIP CAP.       | 15pF     | 50V | CH   | GRM1552C1H150JZ01D | K22178216 |           | 1-    | A    | A5      |
| C 1264 | CHIP CAP.       | 0.1uF    | 10V | B    | GRM155B11A104KA01D | K22108802 |           | 1-    | A    | A5      |
| C 1265 | CHIP CAP.       | 470pF    | 50V | B    | GRM155B11H471KA01D | K22178805 |           | 1-    | A    | A5      |
| C 1266 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | A    | A5      |
| C 1267 | CHIP CAP.       | 36pF     | 50V | CH   | GRM1552C1H360JZ01D | K22178225 | AUSTRALIA | 1-    | A    | A5      |
| C 1267 | CHIP CAP.       | 36pF     | 50V | CH   | GRM1552C1H360JZ01D | K22178225 | EXPORT    | 1-    | A    | A5      |
| C 1267 | CHIP CAP.       | 39pF     | 50V | CH   | GRM1552C1H390JZ01D | K22178226 | USA       | 1-    | A    | A5      |
| C 1268 | CHIP CAP.       | 0.0012uF | 50V | B    | GRM155B11H122KA01  | K22178810 |           | 1-    | A    | B5      |
| C 1269 | CHIP CAP.       | 0.1uF    | 10V | B    | GRM155B11A104KA01D | K22108802 |           | 1-    | A    | B6      |
| C 1270 | CHIP CAP.       | 0.0047uF | 50V | B    | GRM155B11H472KA01D | K22178838 |           | 1-    | B    | h6      |
| C 1271 | CHIP CAP.       | 820pF    | 50V | B    | GRM155B11H821KA01D | K22178808 | AUSTRALIA | 1-    | A    | B5      |
| C 1271 | CHIP CAP.       | 820pF    | 50V | B    | GRM155B11H821KA01D | K22178808 | EXPORT    | 1-    | A    | B5      |
| C 1271 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 | USA       | 1-    | A    | B5      |
| C 1272 | CHIP CAP.       | 47pF     | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |           | 1-    | A    | B5      |
| C 1274 | CHIP TA.CAP.    | 10uF     | 10V |      | TEESVA1A106M8R     | K78100028 |           | 1-    | A    | F7      |
| C 1277 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | A    | E7      |
| C 1278 | CHIP TA.CAP.    | 10uF     | 10V |      | TEESVA1A106M8R     | K78100028 |           | 1-    | A    | F6      |
| C 1279 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | B    | h7      |
| C 1280 | CHIP CAP.       | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |           | 1-    | A    | C4      |
| C 1281 | CHIP CAP.       | 1uF      | 10V | F    | GRM188F11A105ZA01D | K22105001 |           | 1-    | A    | B5      |



| REF    | DESCRIPTION  | VALUE    | V/W | TOL. | MFR'S DESIG        | YAESU P/N | VERS. | LOT | SIDE | LAY ADR |
|--------|--------------|----------|-----|------|--------------------|-----------|-------|-----|------|---------|
| C 1283 | CHIP CAP.    | 47pF     | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |       | 1-  | B    | d6      |
| C 1284 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | d6      |
| C 1285 | CHIP CAP.    | 1pF      | 50V | CK   | GRM1554C1H1R0BZ01D | K22178287 |       | 1-  | B    | e6      |
| C 1286 | CHIP CAP.    | 0.022uF  | 16V | B    | GRM155B11C223KA01D | K22128806 |       | 1-  | B    | h6      |
| C 1287 | CHIP CAP.    | 1uF      | 10V | B    | GRM219B11A105KC01D | K22100803 |       | 1-  | B    | f6      |
| C 1288 | CHIP CAP.    | 0.022uF  | 16V | B    | GRM155B11C223KA01D | K22128806 |       | 1-  | A    | D5      |
| C 1289 | CHIP CAP.    | 0.1uF    | 16V | B    | GRM188B11C104KA01D | K22124805 |       | 1-  | A    | D5      |
| C 1290 | CHIP TA.CAP. | 10uF     | 10V |      | TEESVA1A106M8R     | K78100028 |       | 1-  | A    | D5      |
| C 1291 | CHIP CAP.    | 0.1uF    | 16V | B    | GRM188B11C104KA01D | K22124805 |       | 1-  | A    | D5      |
| C 1292 | CHIP CAP.    | 33pF     | 50V | CH   | GRM1552C1H330JZ01D | K22178224 |       | 1-  | A    | C6      |
| C 1293 | CHIP CAP.    | 33pF     | 50V | CH   | GRM1552C1H330JZ01D | K22178224 |       | 1-  | A    | D6      |
| C 1294 | CHIP CAP.    | 33pF     | 50V | CH   | GRM1552C1H330JZ01D | K22178224 |       | 1-  | A    | D6      |
| C 1295 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | D5      |
| C 1296 | CHIP CAP.    | 0.01uF   | 25V | B    | GRM155B11E103KA01D | K22148834 |       | 1-  | A    | D6      |
| C 1297 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM188B11H102KA01D | K22174821 |       | 1-  | A    | D5      |
| C 1298 | CHIP TA.CAP. | 10uF     | 10V |      | TEESVA1A106M8R     | K78100028 |       | 1-  | A    | D6      |
| C 1299 | CHIP CAP.    | 0.0022uF | 50V | B    | GRM155B11H222KA01D | K22178813 |       | 1-  | A    | D5      |
| C 1300 | CHIP CAP.    | 0.047uF  | 10V | B    | GRM155B11A473KA01D | K22108801 |       | 1-  | A    | D6      |
| C 1301 | CHIP CAP.    | 47pF     | 50V | UJ   | GRM1553U1H470JZ01D | K22178319 |       | 1-  | B    | f6      |
| C 1302 | CHIP CAP.    | 6pF      | 50V | UJ   | GRM1553U1H6R0DZ01D | K22178307 |       | 1-  | B    | f6      |
| C 1303 | CHIP CAP.    | 0.01uF   | 25V | B    | GRM155B11E103KA01D | K22148834 |       | 1-  | B    | f6      |
| C 1304 | CHIP CAP.    | 0.1uF    | 10V | B    | GRM155B11A104KA01D | K22108802 |       | 1-  | B    | g6      |
| C 1305 | CHIP CAP.    | 0.1uF    | 10V | B    | GRM155B11A104KA01D | K22108802 |       | 1-  | B    | g6      |
| C 1306 | CHIP CAP.    | 1uF      | 10V | B    | GRM219B11A105KC01D | K22100803 |       | 1-  | B    | f6      |
| C 1307 | CHIP CAP.    | 0.01uF   | 25V | B    | GRM155B11E103KA01D | K22148834 |       | 1-  | B    | f6      |
| C 1308 | CHIP CAP.    | 100pF    | 50V | UJ   | GRM1553U1H101JZ01D | K22178323 |       | 1-  | B    | f6      |
| C 1309 | CHIP CAP.    | 0.01uF   | 25V | B    | GRM155B11E103KA01D | K22148834 |       | 1-  | B    | f6      |
| C 1310 | CHIP CAP.    | 27pF     | 50V | UJ   | GRM1553U1H270JZ01D | K22178316 |       | 1-  | B    | e6      |
| C 1311 | CHIP CAP.    | 3pF      | 50V | UJ   | GRM1553U1H3R0CZ01D | K22178304 |       | 1-  | B    | e6      |
| C 1312 | CHIP CAP.    | 270pF    | 50V | CH   | GRM1552C1H271JA01D | K22179715 |       | 1-  | B    | e6      |
| C 1313 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | e6      |
| C 1314 | CHIP CAP.    | 0.1uF    | 10V | B    | GRM155B11A104KA01D | K22108802 |       | 1-  | A    | D6      |
| C 1315 | CHIP TA.CAP. | 10uF     | 10V |      | TEESVA1A106M8R     | K78100028 |       | 1-  | A    | D6      |
| C 1316 | CHIP CAP.    | 0.1uF    | 10V | B    | GRM155B11A104KA01D | K22108802 |       | 1-  | A    | D6      |
| C 1317 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | E5      |
| C 1318 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | e5      |
| C 1319 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | e5      |
| C 1320 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | f5      |
| C 1321 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM188B11H102KA01D | K22174821 |       | 1-  | B    | e5      |
| C 1322 | CHIP CAP.    | 20pF     | 50V | CH   | GRM1552C1H200JZ01D | K22178219 |       | 1-  | B    | e5      |
| C 1323 | CHIP CAP.    | 18pF     | 50V | CH   | GRM1552C1H180JZ01D | K22178218 |       | 1-  | B    | e5      |
| C 1324 | CHIP CAP.    | 10pF     | 50V | CH   | GRM1552C1H100JZ01D | K22178212 |       | 1-  | B    | f5      |
| C 1325 | CHIP CAP.    | 1pF      | 50V | CK   | GRM1554C1H1R0BZ01D | K22178287 |       | 1-  | B    | e5      |
| C 1326 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | e5      |
| C 1327 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | e5      |
| C 1328 | CHIP CAP.    | 3pF      | 50V | CJ   | GRM1553C1H3R0BZ01D | K22178290 |       | 1-  | A    | D5      |
| C 1329 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | e5      |
| C 1330 | CHIP TA.CAP. | 0.1uF    | 20V |      | SKF-1D104M-RP      | K78130049 |       | 1-  | A    | D5      |
| C 1331 | CHIP CAP.    | 22pF     | 50V | CH   | GRM1552C1H220JZ01D | K22178220 |       | 1-  | A    | E5      |
| C 1332 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | e5      |
| C 1333 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | D5      |
| C 1334 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | e5      |
| C 1335 | CHIP CAP.    | 47pF     | 50V | CH   | GRM1552C1H470JZ01D | K22178228 |       | 1-  | B    | e5      |
| C 1336 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM188B11H102KA01D | K22174821 |       | 1-  | B    | e5      |
| C 1337 | CHIP CAP.    | 22pF     | 50V | CH   | GRM1552C1H220JZ01D | K22178220 |       | 1-  | B    | e5      |
| C 1338 | CHIP CAP.    | 18pF     | 50V | CH   | GRM1552C1H180JZ01D | K22178218 |       | 1-  | B    | e5      |
| C 1339 | CHIP CAP.    | 2pF      | 50V | CK   | GRM1554C1H2R0BZ01D | K22178289 |       | 1-  | B    | e5      |
| C 1340 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | E5      |
| C 1341 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | e5      |
| C 1342 | CHIP CAP.    | 2pF      | 50V | CK   | GRM1554C1H2R0BZ01D | K22178289 |       | 1-  | A    | D5      |
| C 1343 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | A    | D5      |
| C 1345 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM188B11H102KA01D | K22174821 |       | 1-  | A    | E4      |
| C 1346 | CHIP CAP.    | 0.1uF    | 10V | B    | GRM155B11A104KA01D | K22108802 |       | 1-  | B    | g4      |
| C 1347 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | g3      |
| C 1348 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | g3      |
| C 1349 | CHIP CAP.    | 0.01uF   | 25V | B    | GRM155B11E103KA01D | K22148834 |       | 1-  | B    | g4      |
| C 1350 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | g3      |
| C 1351 | CHIP TA.CAP. | 10uF     | 10V |      | TEESVA1A106M8R     | K78100028 |       | 1-  | B    | g4      |
| C 1353 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | g3      |
| C 1354 | CHIP CAP.    | 0.001uF  | 50V | B    | GRM155B11H102KA01D | K22178809 |       | 1-  | B    | e4      |

# MAIN Unit

## Parts List

| REF    | DESCRIPTION  | VALUE   | V/W  | TOL. | MFR'S DESIG        | YAESU P/N | VERS.     | LOT  | SIDE | LAY ADR |
|--------|--------------|---------|------|------|--------------------|-----------|-----------|------|------|---------|
| C 1355 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | e4      |
| C 1356 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | A    | E4      |
| C 1358 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | A    | E4      |
| C 1359 | CHIP CAP.    | 7pF     | 50V  | CH   | GRM1552C1H7R0BZ01D | K22178294 |           | 1-   | B    | e4      |
| C 1361 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | e3      |
| C 1362 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | e3      |
| C 1363 | CHIP TA.CAP. | 22uF    | 16V  |      | TEESVB21C226M8R    | K78120028 |           | 1-   | B    | d3      |
| C 1364 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | f4      |
| C 1365 | CHIP CAP.    | 100pF   | 50V  | CH   | GRM1552C1H101JD01D | K22178236 |           | 1-   | B    | e4      |
| C 1366 | CHIP CAP.    | 18pF    | 50V  | CH   | GRM1552C1H180JZ01D | K22178218 |           | 1-   | A    | D4      |
| C 1367 | CHIP CAP.    | 0.01uF  | 25V  | B    | GRM155B11E103KA01D | K22148834 |           | 1-   | B    | f4      |
| C 1368 | CHIP CAP.    | 4pF     | 50V  | CH   | GRM1552C1H4R0BZ01D | K22178291 | AUSTRALIA | 92-  | A    | D4      |
| C 1368 | CHIP CAP.    | 4pF     | 50V  | CH   | GRM1552C1H4R0BZ01D | K22178291 | EXPORT    | 92-  | A    | D4      |
| C 1368 | CHIP CAP.    | 4pF     | 50V  | CH   | GRM1552C1H4R0BZ01D | K22178291 | USA       | 92-  | A    | D4      |
| C 1369 | CHIP CAP.    | 0.47uF  | 25V  | B    | GRM21BB11E474KC01L | K22140824 |           | 1-   | B    | e4      |
| C 1370 | CHIP CAP.    | 0.022uF | 50V  | B    | GRM188B11H223KA01D | K22174839 |           | 1-   | B    | e4      |
| C 1371 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | e4      |
| C 1373 | CHIP CAP.    | 8pF     | 50V  | CH   | GRM1552C1H8R0BZ01D | K22178295 |           | 1-   | A    | D4      |
| C 1374 | CHIP CAP.    | 12pF    | 50V  | CH   | GRM1552C1H120JZ01D | K22178214 |           | 1-   | A    | D4      |
| C 1375 | CHIP CAP.    | 68pF    | 50V  | CH   | GRM1552C1H680JZ01D | K22178232 |           | 1-   | A    | D4      |
| C 1376 | CHIP CAP.    | 82pF    | 50V  | CH   | GRM1552C1H820JD01D | K22178234 |           | 1-   | A    | D4      |
| C 1377 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | A    | D3      |
| C 1378 | CHIP CAP.    | 0.1uF   | 16V  | B    | GRM188B11C104KA01D | K22124805 |           | 1-   | A    | D3      |
| C 1379 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | A    | D3      |
| C 1380 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | A    | E4      |
| C 1381 | CHIP CAP.    | 0.1uF   | 16V  | B    | GRM188B11C104KA01D | K22124805 |           | 1-   | A    | E4      |
| C 1382 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | e4      |
| C 1383 | CHIP CAP.    | 0.1uF   | 16V  | B    | GRM188B11C104KA01D | K22124805 |           | 1-   | B    | e4      |
| C 1384 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | f2      |
| C 1385 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM188B11H102KA01D | K22174821 |           | 1-   | A    | B3      |
| C 1386 | CHIP CAP.    | 0.47uF  | 25V  | B    | GRM21BB11E474KC01L | K22140824 |           | 1-91 | A    | B4      |
| C 1386 | CHIP CAP.    | 1uF     | 25V  | B    | GRM21BB31E105KA98L | K22140826 | AUSTRALIA | 92-  | A    | B4      |
| C 1386 | CHIP CAP.    | 1uF     | 25V  | B    | GRM21BB31E105KA98L | K22140826 | EXPORT    | 92-  | A    | B4      |
| C 1386 | CHIP CAP.    | 1uF     | 25V  | B    | GRM21BB31E105KA98L | K22140826 | USA       | 92-  | A    | B4      |
| C 1387 | CHIP CAP.    | 0.022uF | 50V  | B    | GRM188B11H223KA01D | K22174839 |           | 1-   | A    | C4      |
| C 1388 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM188B11H102KA01D | K22174821 |           | 1-   | A    | C4      |
| C 1389 | CHIP CAP.    | 0.47uF  | 25V  | B    | GRM21BB11E474KC01L | K22140824 |           | 1-91 | A    | C4      |
| C 1389 | CHIP CAP.    | 1uF     | 25V  | B    | GRM21BB31E105KA98L | K22140826 | AUSTRALIA | 92-  | A    | C4      |
| C 1389 | CHIP CAP.    | 1uF     | 25V  | B    | GRM21BB31E105KA98L | K22140826 | EXPORT    | 92-  | A    | C4      |
| C 1389 | CHIP CAP.    | 1uF     | 25V  | B    | GRM21BB31E105KA98L | K22140826 | USA       | 92-  | A    | C4      |
| C 1390 | CHIP CAP.    | 10pF    | 50V  | CH   | GRM1882C1H100JA01D | K22174211 |           | 1-   | A    | C3      |
| C 1391 | CHIP CAP.    | 10pF    | 50V  | CH   | GRM1882C1H100JA01D | K22174211 |           | 1-   | A    | D3      |
| C 1392 | CHIP CAP.    | 10pF    | 50V  | CH   | GRM1882C1H100JA01D | K22174211 |           | 1-91 | A    | C3      |
| C 1392 | CHIP CAP.    | 100pF   | 50V  | CH   | GRM1882C1H101JA01D | K22174235 | AUSTRALIA | 92-  | A    | C3      |
| C 1392 | CHIP CAP.    | 100pF   | 50V  | CH   | GRM1882C1H101JA01D | K22174235 | EXPORT    | 92-  | A    | C3      |
| C 1392 | CHIP CAP.    | 100pF   | 50V  | CH   | GRM1882C1H101JA01D | K22174235 | USA       | 92-  | A    | C3      |
| C 1393 | CHIP CAP.    | 10pF    | 50V  | CH   | GRM1882C1H100JA01D | K22174211 |           | 1-   | A    | C3      |
| C 1394 | CHIP CAP.    | 33pF    | 50V  | CH   | GRM1882C1H330JA01D | K22174223 |           | 1-   | A    | C2      |
| C 1395 | CHIP CAP.    | 0.1uF   | 16V  | B    | GRM188B11C104KA01D | K22124805 |           | 1-   | B    | f3      |
| C 1396 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | f3      |
| C 1397 | CHIP CAP.    | 0.1uF   | 16V  | B    | GRM188B11C104KA01D | K22124805 |           | 1-   | B    | f2      |
| C 1398 | CHIP CAP.    | 33pF    | 50V  | CH   | GRM1882C1H330JA01D | K22174223 |           | 1-   | A    | C3      |
| C 1399 | CHIP CAP.    | 15pF    | 50V  | CH   | GRM1882C1H150JA01D | K22174215 |           | 1-   | A    | C3      |
| C 1400 | CHIP CAP.    | 22pF    | 50V  | CH   | GRM1882C1H220JA01D | K22174219 |           | 1-   | A    | C3      |
| C 1401 | CHIP CAP.    | 10pF    | 50V  | CH   | GRM1882C1H100JA01D | K22174211 |           | 1-   | A    | C3      |
| C 1403 | CHIP CAP.    | 150pF   | 50V  | CH   | GRM1882C1H151JA01D | K22174239 |           | 1-   | A    | C2      |
| C 1404 | FILM CAP.    | 47pF    | 500V |      | UC232H0470J-T      | K33279034 |           | 1-   | A    | C2      |
| C 1405 | CHIP CAP.    | 15pF    | 50V  | CH   | GRM1882C1H150JA01D | K22174215 |           | 1-91 | A    | D2      |
| C 1405 | CHIP CAP.    | 27pF    | 50V  | CH   | GRM1882C1H270JA01D | K22174221 | AUSTRALIA | 92-  | A    | D2      |
| C 1405 | CHIP CAP.    | 27pF    | 50V  | CH   | GRM1882C1H270JA01D | K22174221 | EXPORT    | 92-  | A    | D2      |
| C 1405 | CHIP CAP.    | 27pF    | 50V  | CH   | GRM1882C1H270JA01D | K22174221 | USA       | 92-  | A    | D2      |
| C 1406 | CHIP CAP.    | 0.1uF   | 16V  | B    | GRM188B11C104KA01D | K22124805 |           | 1-   | B    | f2      |
| C 1407 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM188B11H102KA01D | K22174821 |           | 1-   | B    | f2      |
| C 1408 | FILM CAP.    | 47pF    | 500V |      | UC232H0470J-T      | K33279034 |           | 1-   | A    | D2      |
| C 1410 | FILM CAP.    | 47pF    | 500V |      | UC232H0470J-T      | K33279034 |           | 1-   | A    | D1      |
| C 1411 | CHIP CAP.    | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | A    | G2      |
| C 1412 | CHIP CAP.    | 0.01uF  | 25V  | B    | GRM155B11E103KA01D | K22148834 |           | 1-   | A    | G2      |
| C 1413 | CHIP CAP.    | 33pF    | 50V  | CH   | GRM1552C1H330JZ01D | K22178224 |           | 1-   | A    | C2      |
| C 1414 | CHIP CAP.    | 56pF    | 50V  | CH   | GRM1552C1H560JD01D | K22178230 | VER. A1   | 1-   | A    | C2      |
| C 1414 | CHIP CAP.    | 56pF    | 50V  | CH   | GRM1552C1H560JD01D | K22178230 | VER. A2   | 1-   | A    | C2      |

| REF    | DESCRIPTION  | VALUE    | V/W  | TOL. | MFR'S DESIG        | YAESU P/N | VERS.     | LOT  | SIDE | LAY ADR |
|--------|--------------|----------|------|------|--------------------|-----------|-----------|------|------|---------|
| C 1414 | CHIP CAP.    | 56pF     | 50V  | CH   | GRM1552C1H560JD01D | K22178230 | VER. A3   | 1-   | A    | C2      |
| C 1414 | CHIP CAP.    | 82pF     | 50V  | CH   | GRM1552C1H820JD01D | K22178234 | VER. B1   | 1-   | A    | C2      |
| C 1414 | CHIP CAP.    | 82pF     | 50V  | CH   | GRM1552C1H820JD01D | K22178234 | VER. B2   | 1-   | A    | C2      |
| C 1414 | CHIP CAP.    | 56pF     | 50V  | CH   | GRM1552C1H560JD01D | K22178230 | VER. B3   | 1-   | A    | C2      |
| C 1414 | CHIP CAP.    | 82pF     | 50V  | CH   | GRM1552C1H820JD01D | K22178234 | VER. C1   | 1-   | A    | C2      |
| C 1414 | CHIP CAP.    | 82pF     | 50V  | CH   | GRM1552C1H820JD01D | K22178234 | VER. C2   | 1-   | A    | C2      |
| C 1414 | CHIP CAP.    | 56pF     | 50V  | CH   | GRM1552C1H560JD01D | K22178230 | VER. C3   | 1-   | A    | C2      |
| C 1414 | CHIP CAP.    | 56pF     | 50V  | CH   | GRM1552C1H560JD01D | K22178230 | VER. D1   | 1-   | A    | C2      |
| C 1414 | CHIP CAP.    | 56pF     | 50V  | CH   | GRM1552C1H560JD01D | K22178230 | VER. D2   | 1-   | A    | C2      |
| C 1414 | CHIP CAP.    | 56pF     | 50V  | CH   | GRM1552C1H560JD01D | K22178230 | VER. H1   | 1-   | A    | C2      |
| C 1414 | CHIP CAP.    | 56pF     | 50V  | CH   | GRM1552C1H560JD01D | K22178230 | VER. H2   | 1-   | A    | C2      |
| C 1415 | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | A    | C2      |
| C 1416 | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | A    | C2      |
| C 1417 | CHIP TA.CAP. | 1uF      | 25V  |      | TEESVA1E105M8R     | K78140013 |           | 1-   | B    | f1      |
| C 1418 | CHIP CAP.    | 0.47uF   | 25V  | B    | GRM21BB11E474KC01L | K22140824 |           | 1-   | B    | e1      |
| C 1419 | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM188B11H102KA01D | K22174821 |           | 1-   | B    | e1      |
| C 1420 | CHIP CAP.    | 100pF    | 200V | CH   | GRM21B2C2D101JV01L | K22230228 |           | 1-   | B    | e1      |
| C 1421 | FILM CAP.    | 47pF     | 500V |      | UC232H0470J-T      | K33279034 |           | 1-   | A    | E1      |
| C 1422 | FILM CAP.    | 47pF     | 500V |      | UC232H0470J-T      | K33279034 |           | 1-   | A    | E2      |
| C 1424 | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | a3      |
| C 1425 | CHIP CAP.    | 10pF     | 200V | CH   | GRM1882C2D100JV01D | K22234212 | W/ CE     | 1-   | A    | F2      |
| C 1425 | CHIP CAP.    | 5pF      | 200V | CH   | GRM1882C2D5R0CV01D | K22234207 | W/O CE    | 1-   | A    | F2      |
| C 1426 | FILM CAP.    | 56pF     | 500V |      | UC232H0560J-T      | K33279035 |           | 1-   | A    | F1      |
| C 1427 | FILM CAP.    | 56pF     | 500V |      | UC232H0560J-T      | K33279035 |           | 1-   | A    | F2      |
| C 1428 | CHIP CAP.    | 27pF     | 200V | CH   | GRM2192C2D270JV01D | K22230221 |           | 1-   | B    | c2      |
| C 1429 | CHIP CAP.    | 27pF     | 200V | CH   | GRM2192C2D270JV01D | K22230221 |           | 1-   | B    | c2      |
| C 1431 | CHIP CAP.    | 220pF    | 200V | CH   | GRM21B2C2D221JY21L | K22230232 |           | 1-   | B    | b2      |
| C 1432 | CHIP CAP.    | 220pF    | 200V | CH   | GRM21B2C2D221JY21L | K22230232 |           | 1-   | B    | b1      |
| C 1433 | CHIP CAP.    | 22pF     | 200V | CH   | GRM2192C2D220JV01D | K22230220 |           | 1-   | B    | b2      |
| C 1434 | CHIP CAP.    | 0.5pF    | 200V | CK   | GRM1884C2DR50CY21D | K22234201 |           | 1-   | B    | b1      |
| C 1435 | CHIP CAP.    | 5pF      | 50V  | CH   | GRM1552C1H5R0BZ01D | K22178292 |           | 1-   | B    | b1      |
| C 1436 | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | b1      |
| C 1437 | CHIP CAP.    | 0.0047uF | 50V  | B    | GRM155B11H472KA01D | K22178838 |           | 1-   | B    | c2      |
| C 1438 | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | b1      |
| C 1439 | CHIP CAP.    | 4pF      | 50V  | CH   | GRM1552C1H4R0BZ01D | K22178291 |           | 1-   | B    | b1      |
| C 1440 | CHIP CAP.    | 22pF     | 200V | CH   | GRM2192C2D220JV01D | K22230220 |           | 1-   | B    | b2      |
| C 1441 | CHIP CAP.    | 7pF      | 200V | CH   | GRM1882C2D7R0DV01D | K22234209 |           | 1-   | B    | b2      |
| C 1442 | CHIP CAP.    | 22pF     | 200V | CH   | GRM2192C2D220JV01D | K22230220 |           | 1-   | B    | b2      |
| C 1443 | CHIP CAP.    | 27pF     | 200V | CH   | GRM2192C2D270JV01D | K22230221 |           | 1-   | B    | b2      |
| C 1444 | CHIP CAP.    | 0.5pF    | 200V | CK   | GRM1884C2DR50CY21D | K22234201 |           | 1-   | B    | b2      |
| C 1445 | CHIP CAP.    | 18pF     | 200V | CH   | GRM2192C2D180JV01D | K22230219 |           | 1-   | B    | b2      |
| C 1446 | CHIP CAP.    | 220pF    | 200V | CH   | GRM21B2C2D221JY21L | K22230232 |           | 1-   | B    | a2      |
| C 1447 | CHIP CAP.    | 220pF    | 200V | CH   | GRM21B2C2D221JY21L | K22230232 |           | 1-   | B    | a2      |
| C 1448 | CHIP CAP.    | 15pF     | 200V | CH   | GRM2192C2D150JV01D | K22230218 |           | 1-   | B    | a3      |
| C 1449 | CHIP CAP.    | 15pF     | 200V | CH   | GRM2192C2D150JV01D | K22230218 |           | 1-   | B    | a3      |
| C 1450 | CHIP CAP.    | 22pF     | 50V  | CH   | GRM1552C1H220JZ01D | K22178220 | AUSTRALIA | 1-   | B    | b2      |
| C 1450 | CHIP CAP.    | 22pF     | 50V  | CH   | GRM1552C1H220JZ01D | K22178220 | EXPORT    | 1-   | B    | b2      |
| C 1450 | CHIP CAP.    | 22pF     | 50V  | CH   | GRM1552C1H220JZ01D | K22178220 | USA       | 1-   | B    | b2      |
| C 1452 | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | b2      |
| C 1453 | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | A    | E4      |
| C 1454 | FILM CAP.    | 12pF     | 500V |      | UC232H0120J-T      | K33279020 |           | 1-91 | A    | F2      |
| C 1454 | CHIP CAP.    | 4pF      | 200V | CH   | GRM2192C2D4R0CY21D | K22230211 | AUSTRALIA | 92-  | A    | F2      |
| C 1454 | CHIP CAP.    | 4pF      | 200V | CH   | GRM2192C2D4R0CY21D | K22230211 | EXPORT    | 92-  | A    | F2      |
| C 1454 | CHIP CAP.    | 4pF      | 200V | CH   | GRM2192C2D4R0CY21D | K22230211 | USA       | 92-  | A    | F2      |
| C 1455 | CHIP CAP.    | 4pF      | 200V | CH   | GRM2192C2D4R0CY21D | K22230211 | AUSTRALIA | 92-  | A    | F2      |
| C 1455 | CHIP CAP.    | 4pF      | 200V | CH   | GRM2192C2D4R0CY21D | K22230211 | EXPORT    | 92-  | A    | F2      |
| C 1455 | CHIP CAP.    | 4pF      | 200V | CH   | GRM2192C2D4R0CY21D | K22230211 | USA       | 92-  | A    | F2      |
| C 1456 | CHIP CAP.    | 100pF    | 200V | CH   | GRM21B2C2D101JV01L | K22230228 |           | 1-   | A    | F2      |
| C 1457 | CHIP CAP.    | 100pF    | 200V | CH   | GRM21B2C2D101JV01L | K22230228 |           | 1-   | A    | F2      |
| C 1458 | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | A    | F3      |
| C 1461 | CHIP CAP.    | 0.5pF    | 200V | CK   | GRM1884C2DR50CY21D | K22234201 |           | 1-   | B    | c3      |
| C 1462 | CHIP CAP.    | 6pF      | 50V  | CH   | GRM1552C1H6R0BZ01D | K22178293 |           | 1-   | B    | c3      |
| C 1463 | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | c3      |
| C 1464 | CHIP CAP.    | 0.5pF    | 200V | CK   | GRM1884C2DR50CY21D | K22234201 |           | 1-   | A    | F3      |
| C 1465 | CHIP CAP.    | 2pF      | 200V | CK   | GRM1884C2D2R0CV01D | K22234204 |           | 1-   | A    | F3      |
| C 1466 | CHIP CAP.    | 2pF      | 200V | CK   | GRM1884C2D2R0CV01D | K22234204 |           | 1-   | B    | c3      |
| C 1467 | CHIP CAP.    | 2pF      | 200V | CK   | GRM1884C2D2R0CV01D | K22234204 |           | 1-   | A    | G3      |
| C 1468 | CHIP CAP.    | 3pF      | 200V | CJ   | GRM1883C2D3R0CV01D | K22234205 |           | 1-   | A    | G3      |
| C 1469 | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | A    | G3      |
| C 1470 | CHIP CAP.    | 4pF      | 50V  | CH   | GRM1552C1H4R0BZ01D | K22178291 |           | 1-91 | A    | G3      |

# MAIN Unit

## Parts List

| REF    | DESCRIPTION     | VALUE   | V/W  | TOL. | MFR'S DESIG        | YAESU P/N | VERS.     | LOT  | SIDE | LAY ADR |
|--------|-----------------|---------|------|------|--------------------|-----------|-----------|------|------|---------|
| C 1470 | CHIP CAP.       | 7pF     | 50V  | CH   | GRM1552C1H7R0BZ01D | K22178294 | AUSTRALIA | 92-  | A    | G3      |
| C 1470 | CHIP CAP.       | 6pF     | 50V  | CH   | GRM1552C1H6R0BZ01D | K22178293 | AUSTRALIA | 114- | A    | G3      |
| C 1470 | CHIP CAP.       | 7pF     | 50V  | CH   | GRM1552C1H7R0BZ01D | K22178294 | EXPORT    | 92-  | A    | G3      |
| C 1470 | CHIP CAP.       | 6pF     | 50V  | CH   | GRM1552C1H6R0BZ01D | K22178293 | EXPORT    | 114- | A    | G3      |
| C 1470 | CHIP CAP.       | 7pF     | 50V  | CH   | GRM1552C1H7R0BZ01D | K22178294 | USA       | 92-  | A    | G3      |
| C 1470 | CHIP CAP.       | 6pF     | 50V  | CH   | GRM1552C1H6R0BZ01D | K22178293 | USA       | 114- | A    | G3      |
| C 1471 | CHIP CAP.       | 0.5pF   | 200V | CK   | GRM1884C2DR50CY21D | K22234201 |           | 1-   | A    | G3      |
| C 1472 | CHIP CAP.       | 1.5pF   | 200V | CK   | GRM1884C2D1R5CV01D | K22234213 |           | 1-   | A    | G3      |
| C 1473 | CHIP CAP.       | 3pF     | 200V | CJ   | GRM1883C2D3R0CV01D | K22234205 |           | 1-   | A    | G3      |
| C 1474 | CHIP CAP.       | 4pF     | 200V | CH   | GRM1882C2D4R0CV01D | K22234206 |           | 1-   | A    | G3      |
| C 1475 | CHIP CAP.       | 4pF     | 200V | CH   | GRM1882C2D4R0CV01D | K22234206 |           | 1-   | A    | G3      |
| C 1476 | CHIP CAP.       | 0.5pF   | 200V | CK   | GRM1884C2DR50CY21D | K22234201 |           | 1-   | A    | H3      |
| C 1477 | CHIP CAP.       | 2pF     | 200V | CK   | GRM1884C2D2R0CV01D | K22234204 |           | 1-   | A    | H3      |
| C 1478 | CHIP CAP.       | 2pF     | 200V | CK   | GRM1884C2D2R0CV01D | K22234204 |           | 1-   | A    | H3      |
| C 1479 | CHIP CAP.       | 3pF     | 50V  | CJ   | GRM1553C1H3R0BZ01D | K22178290 |           | 1-   | A    | H4      |
| C 1480 | CHIP CAP.       | 4pF     | 200V | CH   | GRM1882C2D4R0CV01D | K22234206 |           | 1-   | A    | H3      |
| C 1481 | CHIP CAP.       | 4pF     | 200V | CH   | GRM1882C2D4R0CV01D | K22234206 |           | 1-   | A    | H3      |
| C 1482 | CHIP CAP.       | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | h7      |
| C 1483 | CHIP TA.CAP.    | 10uF    | 10V  |      | TEESVA1A106M8R     | K78100028 |           | 1-   | B    | h7      |
| C 1484 | CHIP CAP.       | 100pF   | 50V  | CH   | GRM1882C1H101JA01D | K22174235 |           | 1-   | A    | D2      |
| C 1486 | CHIP CAP.       | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | A    | G4      |
| C 1487 | CHIP CAP.       | 1pF     | 50V  | CK   | GRM1554C1H1R0BZ01D | K22178287 |           | 1-   | B    | d5      |
| C 1491 | CHIP CAP.       | 12pF    | 50V  | CH   | GRM1552C1H120JZ01D | K22178214 |           | 1-91 | A    | D3      |
| C 1491 | CHIP CAP.       | 22pF    | 50V  | CH   | GRM1552C1H220JZ01D | K22178220 |           | 92-  | A    | D3      |
| C 1492 | CHIP CAP.       | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | B    | c3      |
| C 1493 | CHIP CAP.       | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 |           | 1-   | A    | E5      |
| C 1495 | AL.ELECTRO.CAP. | 100uF   | 16V  |      | RC2-16V101MF1#-T58 | K46120007 |           | 1-91 | A    | A4      |
| C 1495 | AL.ELECTRO.CAP. | 100uF   | 16V  |      | RC2-16V101MF1#-T58 | K46120007 | AUSTRALIA | 92-  | A    | A4      |
| C 1495 | AL.ELECTRO.CAP. | 100uF   | 16V  |      | RC2-16V101MF1#-T58 | K46120007 | EXPORT    | 92-  | A    | A4      |
| C 1495 | AL.ELECTRO.CAP. | 100uF   | 16V  |      | RC2-16V101MF1#-T58 | K46120007 | USA       | 92-  | A    | A4      |
| C 1497 | CHIP CAP.       | 1pF     | 50V  | CK   | GRM1554C1H1R0BZ01D | K22178287 |           | 1-   | A    | F5      |
| C 1499 | CHIP CAP.       | 82pF    | 50V  | CH   | GRM1552C1H820JD01D | K22178234 | AUSTRALIA | 1-   |      |         |
| C 1499 | CHIP CAP.       | 82pF    | 50V  | CH   | GRM1552C1H820JD01D | K22178234 | EXPORT    | 1-   |      |         |
| C 1500 | CHIP CAP.       | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 | AUSTRALIA | 1-   |      |         |
| C 1500 | CHIP CAP.       | 0.001uF | 50V  | B    | GRM155B11H102KA01D | K22178809 | EXPORT    | 1-   |      |         |
| C 1501 | CHIP CAP.       | 2pF     | 200V | CK   | GRM1884C2D2R0CV01D | K22234204 | AUSTRALIA | 2-91 | A    | H4      |
| C 1501 | CHIP CAP.       | 1.5pF   | 200V | CK   | GRM1884C2D1R5CV01D | K22234213 | AUSTRALIA | 92-  | A    | H4      |
| C 1501 | CHIP CAP.       | 2pF     | 200V | CK   | GRM1884C2D2R0CV01D | K22234204 | EXPORT    | 2-91 | A    | H4      |
| C 1501 | CHIP CAP.       | 1.5pF   | 200V | CK   | GRM1884C2D1R5CV01D | K22234213 | EXPORT    | 92-  | A    | H4      |
| C 1502 | CHIP CAP.       | 4pF     | 200V | CH   | GRM2192C2D4R0CY21D | K22230211 | AUSTRALIA | 92-  | A    | E2      |
| C 1502 | CHIP CAP.       | 4pF     | 200V | CH   | GRM2192C2D4R0CY21D | K22230211 | EXPORT    | 92-  | A    | E2      |
| C 1502 | CHIP CAP.       | 4pF     | 200V | CH   | GRM2192C2D4R0CY21D | K22230211 | USA       | 92-  | A    | E2      |
| CD1001 | CERAMIC DISC    |         |      |      | CDBLB450KCAY24-B0  | H7901390  |           | 1-   | A    | D7      |
| CF1001 | CERAMIC FILTER  |         |      |      | CFWLB450KE2A-B0    | H3900466  |           | 1-   | A    | D6      |
| D 1001 | DIODE           |         |      |      | HSC277TRF-E        | G2070584  |           | 1-   | B    | c4      |
| D 1002 | DIODE           |         |      |      | HVC350B-TRF-E      | G2070596  |           | 1-   | B    | c5      |
| D 1003 | DIODE           |         |      |      | HVC350B-TRF-E      | G2070596  |           | 1-   | B    | d5      |
| D 1004 | DIODE           |         |      |      | HVC350B-TRF-E      | G2070596  |           | 1-   | B    | d4      |
| D 1005 | DIODE           |         |      |      | HVC131TRF-E        | G2070676  |           | 1-   | B    | c4      |
| D 1006 | DIODE           |         |      |      | HVC131TRF-E        | G2070676  |           | 1-   | A    | E5      |
| D 1007 | DIODE           |         |      |      | HVC131TRF-E        | G2070676  |           | 1-   | A    | E5      |
| D 1009 | DIODE           |         |      |      | HVC131TRF-E        | G2070676  |           | 1-   | B    | b3      |
| D 1010 | DIODE           |         |      |      | HVC365 TRF-E       | G2070902  |           | 1-   | B    | c5      |
| D 1011 | DIODE           |         |      |      | HVC365 TRF-E       | G2070902  |           | 1-   | B    | c5      |
| D 1012 | DIODE           |         |      |      | HVC365 TRF-E       | G2070902  |           | 1-   | B    | d5      |
| D 1013 | DIODE           |         |      |      | HVC131TRF-E        | G2070676  |           | 1-   | A    | E5      |
| D 1015 | DIODE           |         |      |      | HVC131TRF-E        | G2070676  |           | 1-   | B    | b2      |
| D 1016 | DIODE           |         |      |      | HVC131TRF-E        | G2070676  |           | 1-   | B    | b2      |
| D 1017 | DIODE           |         |      |      | HVC131TRF-E        | G2070676  |           | 1-   | A    | E5      |
| D 1018 | DIODE           |         |      |      | RLS135 TE-11       | G2070128  |           | 1-   | B    | c3      |
| D 1019 | DIODE           |         |      |      | RLS135 TE-11       | G2070128  |           | 1-   | B    | c3      |
| D 1020 | DIODE           |         |      |      | HVC131TRF-E        | G2070676  |           | 1-   | A    | E4      |
| D 1021 | DIODE           |         |      |      | HVC131TRF-E        | G2070676  |           | 1-   | A    | D4      |
| D 1022 | DIODE           |         |      |      | DAN222 TL          | G2070174  |           | 1-   | A    | E7      |
| D 1023 | DIODE           |         |      |      | MA2S72800L         | G2070858  |           | 1-   | B    | f7      |
| D 1023 | DIODE           |         |      |      | DB2S31400L         | G2071348  |           | 148- | B    | f7      |
| D 1028 | DIODE           |         |      |      | DAN222 TL          | G2070174  |           | 1-   | B    | g5      |
| D 1030 | DIODE           |         |      |      | DA221 TL           | G2070178  |           | 1-   | B    | h6      |
| D 1031 | DIODE           |         |      |      | HZM27WA TR-E       | G2070530  |           | 1-   | B    | g7      |
| D 1032 | DIODE           |         |      |      | HZM27WA TR-E       | G2070530  |           | 1-   | B    | f7      |

| REF    | DESCRIPTION    | VALUE   | V/W | TOL. | MFR'S DESIG           | YAESU P/N | VERS.  | LOT  | SIDE | LAY ADR |
|--------|----------------|---------|-----|------|-----------------------|-----------|--------|------|------|---------|
| D 1033 | SURGE ABSORBER |         |     |      | P6KA18A-E3            | Q9000721  |        | 1-   | A    | C1      |
| D 1035 | DIODE          |         |     |      | MA2S111-(TX)          | G2070614  |        | 1-   | B    | h4      |
| D 1036 | DIODE          |         |     |      | D1F20-5063            | G2070474  |        | 1-   | B    | i4      |
| D 1036 | DIODE          |         |     |      | D1F60-5053            | G2071240  |        | 87-  | B    | i4      |
| D 1037 | DIODE          |         |     |      | DAN222 TL             | G2070174  |        | 1-   | B    | i5      |
| D 1038 | DIODE          |         |     |      | DAN222 TL             | G2070174  |        | 1-   | B    | i5      |
| D 1039 | DIODE          |         |     |      | DAN222 TL             | G2070174  |        | 1-   | B    | h7      |
| D 1040 | DIODE          |         |     |      | DA221 TL              | G2070178  |        | 1-   | A    | D5      |
| D 1041 | DIODE          |         |     |      | HVC365 TRF-E          | G2070902  |        | 1-   | B    | f6      |
| D 1042 | DIODE          |         |     |      | HVC365 TRF-E          | G2070902  |        | 1-   | B    | f6      |
| D 1043 | DIODE          |         |     |      | HVC350B-TRF-E         | G2070596  |        | 1-   | B    | e6      |
| D 1044 | DIODE          |         |     |      | HVC365 TRF-E          | G2070902  |        | 1-   | B    | e6      |
| D 1045 | DIODE          |         |     |      | DA221 TL              | G2070178  |        | 1-   | B    | e6      |
| D 1046 | DIODE          |         |     |      | HVC375B-TRF-E         | G2070856  |        | 1-   | B    | e5      |
| D 1047 | DIODE          |         |     |      | HVC350B-TRF-E         | G2070596  |        | 1-   | B    | e5      |
| D 1048 | DIODE          |         |     |      | HSC277TRF-E           | G2070584  |        | 1-   | B    | e5      |
| D 1049 | DIODE          |         |     |      | HVC365 TRF-E          | G2070902  |        | 1-   | B    | e5      |
| D 1050 | DIODE          |         |     |      | HVC131TRF-E           | G2070676  |        | 1-   | B    | e5      |
| D 1051 | DIODE          |         |     |      | HVC365 TRF-E          | G2070902  |        | 1-   | B    | e5      |
| D 1052 | DIODE          |         |     |      | HVC362TRF-E           | G2070636  |        | 1-   | B    | e5      |
| D 1053 | DIODE          |         |     |      | HSC277TRF-E           | G2070584  |        | 1-   | A    | D5      |
| D 1054 | DIODE          |         |     |      | HSC277TRF-E           | G2070584  |        | 1-   | A    | D5      |
| D 1055 | DIODE          |         |     |      | HSC277TRF-E           | G2070584  |        | 1-   | A    | E4      |
| D 1056 | DIODE          |         |     |      | DAN222 TL             | G2070174  |        | 1-   | B    | f5      |
| D 1057 | DIODE          |         |     |      | HSC277TRF-E           | G2070584  |        | 1-   | A    | D4      |
| D 1058 | DIODE          |         |     |      | DAN222 TL             | G2070174  |        | 1-   | B    | e4      |
| D 1059 | DIODE          |         |     |      | DAN222 TL             | G2070174  |        | 1-   | B    | f4      |
| D 1060 | DIODE          |         |     |      | HSC277TRF-E           | G2070584  |        | 1-   | B    | e4      |
| D 1061 | DIODE          |         |     |      | HSC277TRF-E           | G2070584  |        | 1-   | B    | e4      |
| D 1062 | DIODE          |         |     |      | HZM13NB2 TR-E         | G2070894  |        | 1-   | B    | e3      |
| D 1063 | DIODE          |         |     |      | DAN222 TL             | G2070174  |        | 1-   | A    | E3      |
| D 1064 | DIODE          |         |     |      | HSC277TRF-E           | G2070584  |        | 1-   | A    | D3      |
| D 1065 | DIODE          |         |     |      | HSC277TRF-E           | G2070584  |        | 1-   | A    | D3      |
| D 1066 | DIODE          |         |     |      | RLS135 TE-11          | G2070128  |        | 1-   | A    | C3      |
| D 1067 | DIODE          |         |     |      | RLS135 TE-11          | G2070128  |        | 1-   | A    | D2      |
| D 1068 | DIODE          |         |     |      | HSC277TRF-E           | G2070584  |        | 1-   | A    | C2      |
| D 1069 | DIODE          |         |     |      | HSC277TRF-E           | G2070584  |        | 1-   | A    | C2      |
| D 1070 | DIODE          |         |     |      | MA2S72800L            | G2070858  |        | 1-   | B    | b1      |
| D 1070 | DIODE          |         |     |      | DB2S31400L            | G2071348  |        | 148- | B    | b1      |
| D 1071 | DIODE          |         |     |      | MA2S72800L            | G2070858  |        | 1-   | B    | b1      |
| D 1071 | DIODE          |         |     |      | DB2S31400L            | G2071348  |        | 148- | B    | b1      |
| D 1072 | DIODE          |         |     |      | L709CER               | G2071124  |        | 1-   | A    | H1      |
| D 1073 | DIODE          |         |     |      | L709CER               | G2071124  |        | 1-   | A    | H2      |
| D 1074 | DIODE          |         |     |      | RLS135 TE-11          | G2070128  |        | 1-   | A    | H2      |
| D 1075 | DIODE          |         |     |      | RLS135 TE-11          | G2070128  |        | 1-   | A    | H2      |
| D 1076 | DIODE          |         |     |      | MA4P1250              | G2070974  |        | 1-   | A    | F2      |
| D 1077 | DIODE          |         |     |      | MA4P1250              | G2070974  |        | 1-   | A    | F3      |
| D 1078 | DIODE          |         |     |      | MA2S72800L            | G2070858  |        | 1-   | B    | c3      |
| D 1078 | DIODE          |         |     |      | DB2S31400L            | G2071348  |        | 148- | B    | c3      |
| D 1079 | DIODE          |         |     |      | MA2S72800L            | G2070858  |        | 1-   | A    | G3      |
| D 1079 | DIODE          |         |     |      | DB2S31400L            | G2071348  |        | 148- | A    | G3      |
| D 1080 | SURGE ABSORBER |         |     |      | RCCA-301Q43UA         | Q9000756  |        | 1-   | A    | H3      |
| D 1081 | DIODE          |         |     |      | UDZS TE-17 6.8B       | G2070888  |        | 1-   | A    | D3      |
| D 1084 | DIODE          |         |     |      | HSC277TRF-E           | G2070584  |        | 1-   | B    | c3      |
| FB1001 | BEADS COIL     |         |     |      | B-01-A                | L1190386  |        | 1-   | A    | B1      |
| FB1002 | FERRITE BEADS  |         |     |      | SMB304729             | L9190094  |        | 1-   | A    | C1      |
| FB1003 | FERRITE BEADS  |         |     |      | SMB304729             | L9190094  |        | 1-   | A    | C4      |
| HS1001 | HEATSINK PLATE |         |     |      |                       | RA022760A |        | 1-   | B    | f3      |
| J 1001 | CONNECTOR      |         |     |      | HSJ6062-01-450        | P1091168  |        | 1-   | A    | A1      |
| J 1002 | CONNECTOR      |         |     |      | SC25-02WS             | P0090621  |        | 1-   | A    | A4      |
| J 1003 | CONNECTOR      |         |     |      | MD-S6000-90(LF)(SN)   | P1091087  | W/O CE | 98-  | B    | g1      |
| J 1003 | CONNECTOR      |         |     |      | MD-S6100-90           | P1091414  | W/ CE  | 98-  | B    | g1      |
| J 1004 | CONNECTOR      |         |     |      | B2B-ZR(LF)(SN)        | P0090647  |        | 1-   | A    | C1      |
| J 1005 | CONNECTOR      |         |     |      | MJ-66J-RD315K(LF)(SN) | P1091049  |        | 1-   | A    | C7      |
| L 1001 | M.RFC          | 0.01uH  |     | 2%   | C1608CB-10NG-RF       | L1691032  |        | 1-   | B    | c3      |
| L 1002 | M.RFC          | 0.012uH |     | 2%   | C1608CB-12NG-RF       | L1691033  |        | 1-   | B    | c4      |
| L 1003 | M.RFC          | 0.039uH |     | 2%   | C1608CB-39NG-RF       | L1691039  |        | 1-   | B    | c4      |
| L 1004 | M.RFC          | 0.1uH   |     |      | TFL0816-100N          | L1690981  |        | 1-   | B    | c5      |
| L 1005 | M.RFC          | 0.01uH  |     | 2%   | C1608CB-10NG-RF       | L1691032  |        | 1-   | B    | c4      |
| L 1006 | COIL           |         |     |      | E2 0.28-1.0-4T-R      | L0022365  |        | 1-   | B    | d5      |



# MAIN Unit

## Parts List

| REF    | DESCRIPTION | VALUE    | V/W | TOL. | MFR'S DESIG        | YAESU P/N | VERS. | LOT  | SIDE | LAY ADR |
|--------|-------------|----------|-----|------|--------------------|-----------|-------|------|------|---------|
| L 1007 | COIL        |          |     |      | E2 0.28-1.0-4T-R   | L0022365  |       | 1-   | B    | d4      |
| L 1008 | M.RFC       | 0.015uH  |     |      | TFL0816-15         | L1690493  |       | 1-   | A    | F5      |
| L 1009 | M.RFC       | 0.015uH  |     |      | TFL0816-15         | L1690493  |       | 1-   | A    | F5      |
| L 1010 | M.RFC       | 0.015uH  |     |      | TFL0816-15         | L1690493  |       | 1-   | B    | d5      |
| L 1011 | M.RFC       | 0.082uH  |     | 2%   | C1608CB-82NG-RF    | L1691044  |       | 1-   | B    | b3      |
| L 1012 | M.RFC       | 0.056uH  |     | 2%   | C1608CB-56NG-RF    | L1691041  |       | 1-   | B    | b3      |
| L 1013 | M.RFC       | 0.047uH  |     | 2%   | C1608CB-47NG-RF    | L1691040  |       | 1-   | B    | b3      |
| L 1014 | M.RFC       | 0.039uH  |     | 2%   | C1608CB-39NG-RF    | L1691039  |       | 1-   | B    | b4      |
| L 1015 | M.RFC       | 0.15uH   |     | 2%   | C1608CB-R15G-RF    | L1691101  |       | 1-   | B    | b4      |
| L 1016 | M.RFC       | 1uH      |     |      | LK1608 1R0K-T      | L1690687  |       | 1-   | B    | c5      |
| L 1017 | M.RFC       | 0.082uH  |     | 2%   | C1608CB-82NG-RF    | L1691044  |       | 1-   | B    | c5      |
| L 1018 | M.RFC       | 0.082uH  |     | 2%   | C1608CB-82NG-RF    | L1691044  |       | 1-   | B    | c5      |
| L 1019 | M.RFC       | 0.082uH  |     | 2%   | C1608CB-82NG-RF    | L1691044  |       | 1-   | B    | d5      |
| L 1020 | M.RFC       | 0.047uH  |     |      | TFL0816-47         | L1690499  |       | 1-   | B    | d5      |
| L 1021 | M.RFC       | 0.068uH  |     | 2%   | C1608CB-68NG-RF    | L1691042  |       | 1-   | B    | b3      |
| L 1022 | M.RFC       | 0.022uH  |     | 2%   | C1608CB-22NG-RF    | L1691036  |       | 1-   | B    | b3      |
| L 1023 | M.RFC       | 0.022uH  |     | 2%   | C1608CB-22NG-RF    | L1691036  |       | 1-   | B    | b4      |
| L 1024 | M.RFC       | 0.082uH  |     | 2%   | C1608CB-82NG-RF    | L1691044  |       | 1-   | B    | b4      |
| L 1025 | M.RFC       | 0.039uH  |     |      | TFL0816-39         | L1690498  |       | 1-   | B    | c5      |
| L 1026 | M.RFC       | 0.039uH  |     |      | TFL0816-39         | L1690498  |       | 1-   | B    | d5      |
| L 1027 | M.RFC       | 0.01uH   |     |      | TFL0816-10         | L1690491  |       | 1-   | B    | a4      |
| L 1028 | M.RFC       | 0.01uH   |     |      | TFL0816-10         | L1690491  |       | 1-   | B    | a4      |
| L 1029 | M.RFC       | 0.0047uH |     |      | TFL0816-4N7        | L1690487  |       | 1-   | B    | a4      |
| L 1030 | M.RFC       | 0.0047uH |     |      | TFL0816-4N7        | L1690487  |       | 1-   | A    | H4      |
| L 1031 | M.RFC       | 0.0047uH |     |      | TFL0816-4N7        | L1690487  |       | 1-   | A    | H5      |
| L 1032 | M.RFC       | 0.0047uH |     |      | TFL0816-4N7        | L1690487  |       | 1-   | A    | G5      |
| L 1033 | M.RFC       | 0.0047uH |     |      | TFL0816-4N7        | L1690487  |       | 1-   | A    | F4      |
| L 1034 | M.RFC       | 0.0047uH |     |      | TFL0816-4N7        | L1690487  |       | 1-   | A    | F5      |
| L 1035 | M.RFC       | 0.0047uH |     |      | TFL0816-4N7        | L1690487  |       | 1-   | A    | E4      |
| L 1036 | M.RFC       | 0.022uH  |     |      | TFL0816-22         | L1690495  |       | 1-   | A    | F6      |
| L 1037 | M.RFC       | 0.39uH   |     | 2%   | C1608CB-R39G-RF    | L1691107  |       | 1-   | A    | F6      |
| L 1038 | M.RFC       | 0.39uH   |     | 2%   | C1608CB-R39G-RF    | L1691107  |       | 1-   | A    | E7      |
| L 1039 | M.RFC       | 1uH      |     |      | LK1608 1R0K-T      | L1690687  |       | 1-   | B    | d7      |
| L 1040 | M.RFC       | 0.39uH   |     | 2%   | C1608CB-R39G-RF    | L1691107  |       | 1-   | B    | d6      |
| L 1041 | M.RFC       | 150uH    |     |      | FLC32T-151J        | L1690229  |       | 1-   | B    | h6      |
| L 1042 | M.RFC       | 1uH      |     |      | LK1608 1R0K-T      | L1690687  |       | 1-   | B    | h7      |
| L 1043 | M.RFC       | 1uH      |     |      | LK1608 1R0K-T      | L1690687  |       | 1-   | A    | D6      |
| L 1044 | M.RFC       | 1uH      |     |      | ELJ-ND1R0JF        | L1690977  |       | 1-   | B    | e6      |
| L 1045 | M.RFC       | 1uH      |     |      | LK1608 1R0K-T      | L1690687  |       | 1-   | B    | e5      |
| L 1046 | COIL        |          |     |      | E2 0.3-1.1-3T-R    | L0022579  |       | 1-   | B    | e5      |
| L 1047 | M.RFC       | 0.0039uH |     |      | TFL0816-3N9        | L1690486  |       | 1-   | B    | e5      |
| L 1048 | M.RFC       | 0.022uH  |     |      | TFL0816-22         | L1690495  |       | 1-   | B    | e5      |
| L 1049 | M.RFC       | 1uH      |     |      | LK1608 1R0K-T      | L1690687  |       | 1-   | B    | e5      |
| L 1050 | CHIP COIL   | 0.056uH  |     |      | LQW2BHN56NG03L     | L1690978  |       | 1-   | B    | e5      |
| L 1051 | M.RFC       | 0.0022uH |     |      | TFL0510-2N2        | L1690803  |       | 1-   | B    | e5      |
| L 1052 | M.RFC       | 0.15uH   |     |      | LK1608 R15K-T      | L1690409  |       | 1-   | B    | e5      |
| L 1053 | M.RFC       | 1uH      |     |      | LK1608 1R0K-T      | L1690687  |       | 1-   | B    | g3      |
| L 1054 | M.RFC       | 0.47uH   |     |      | LK2125 R47K-T      | L1690315  |       | 1-   | B    | a5      |
| L 1055 | M.RFC       | 0.047uH  |     |      | TFL0816-47         | L1690499  |       | 1-   | B    | e4      |
| L 1056 | M.RFC       | 0.015uH  |     |      | TFL0816-15         | L1690493  |       | 1-91 | B    | e4      |
| L 1056 | M.RFC       | 0.01uH   |     |      | TFL0816-10         | L1690491  |       | 92-  | B    | e4      |
| L 1057 | M.RFC       | 0.1uH    |     | 2%   | C1608CB-R10G-RF    | L1691045  |       | 1-   | A    | C3      |
| L 1058 | M.RFC       | 0.0082uH |     |      | TFL0816-8N2        | L1690490  |       | 1-   | A    | D4      |
| L 1059 | COIL        |          |     |      | E2 0.35-1.6-4.5T-L | L0022577  |       | 1-   | A    | D4      |
| L 1060 | COIL        |          |     |      | E2 0.3-1.1-3T-R    | L0022579  |       | 1-   | A    | D4      |
| L 1061 | COIL        | 0.0033uH |     |      | AS050221-3R3NJ     | L0022825  |       | 1-   | A    | D3      |
| L 1062 | COIL        |          |     |      | E2 0.28-1.0-7TR    | L0022422  |       | 1-   | A    | D3      |
| L 1063 | COIL        | 0.056uH  |     |      | AS050635-56N       | L0022813  |       | 1-   | A    | C3      |
| L 1064 | COIL        | 0.0033uH |     |      | AS050221-3R3NJ     | L0022825  |       | 1-   | A    | C3      |
| L 1065 | COIL        | 0.009uH  |     |      | AS050325-9RONJ     | L0022826  |       | 1-   | A    | D2      |
| L 1066 | M.RFC       | 1uH      |     |      | ELJ-ND1R0JF        | L1690977  |       | 1-   | B    | f2      |
| L 1067 | COIL        |          |     |      | E2 0.35-1.6-5.5T-L | L0022616  |       | 1-   | A    | C3      |
| L 1068 | COIL        |          |     |      | E2 0.35-1.6-7T-L   | L0022390  |       | 1-   | A    | C3      |
| L 1069 | M.RFC       | 1uH      |     |      | ELJ-ND1R0JF        | L1690977  |       | 1-   | B    | f3      |
| L 1070 | COIL        | 0.012uH  |     |      | AS080336-12N       | L0022810  |       | 1-   | A    | C2      |
| L 1071 | COIL A1     |          |     |      | 12.5T3.5D0.8UEW R  | L0022828  |       | 1-   | A    | E1      |
| L 1072 | M.RFC       | 0.47uH   |     |      | LK2125 R47K-T      | L1690315  |       | 1-   | A    | E3      |
| L 1073 | COIL A1     |          |     |      | 1.5T3.0D1.2UEW R   | L0022806  |       | 1-   | A    | F2      |
| L 1074 | COIL A1     |          |     |      | 3.5T3.5D1.0UEW R   | L0022805  |       | 1-   | A    | F1      |
| L 1075 | COIL A1     |          |     |      | 4.5T3.5D1.0UEW R   | L0022836  |       | 1-   | A    | G1      |

# MAIN Unit

## Parts List

| REF    | DESCRIPTION | VALUE              | V/W | TOL. | MFR'S DESIG         | YAESU P/N | VERS. | LOT   | SIDE | LAY ADR |
|--------|-------------|--------------------|-----|------|---------------------|-----------|-------|-------|------|---------|
| L 1076 | COIL A1     | 0.038uH            |     | 2%   | 3.5T3.5D1.0UEW R    | L0022805  |       | 1-    | A    | G2      |
| L 1077 | COIL        |                    |     |      | E2 0.4-3.0-11.5T-L  | L0022646  |       | 1-    | A    | G2      |
| L 1078 | COIL        |                    |     |      | AS050630-38N        | L0022818  |       | 1-    | A    | H2      |
| L 1079 | COIL A1     | 0.039uH            |     | 2%   | 3.5T3.5D1.0UEW R    | L0022805  |       | 1-    | A    | H2      |
| L 1080 | COIL A1     |                    |     |      | 3.5T3.5D1.0UEW R    | L0022805  |       | 1-    | A    | H3      |
| L 1081 | M.RFC       |                    |     |      | C1608CB-39NG-RF     | L1691039  |       | 1-    | B    | b2      |
| L 1082 | COIL        | 0.0093uH           |     | 2%   | AS120252-9R3N       | L0022853  |       | 1-    | A    | F2      |
| L 1083 | COIL        | E2 0.25-1.9-5.5T-R |     |      | L0022610            | 1-        |       | A     | F2   |         |
| L 1084 | COIL A1     | 2.5T3.0D1.2UEW R   |     |      | L0022807            | 1-        |       | A     | F3   |         |
| L 1085 | COIL        | 0.014uH            |     | 2%   | AS050425-14NK       | L0022583  |       | 1-    | A    | G3      |
| L 1086 | COIL A1     | 2.5T3.0D1.2UEW R   |     |      | L0022807            | 1-        |       | A     | G3   |         |
| L 1087 | COIL        | AS100440-15N       |     |      | L0022811            | 1-        |       | A     | H3   |         |
| L 1088 | COIL        | 0.01uH             |     | 2%   | AS1003-10NK         | L0022544  |       | 1-    | A    | H4      |
| L 1088 | COIL        | 0.01uH             |     |      | TAS1003-10NK        | L0023107  |       | 136-  | A    | H4      |
| L 1089 | M.RFC       | 0.033uH            |     |      | TFL0816-33          | L1690497  |       | 1-    | B    | c4      |
| L 1090 | M.RFC       | 1uH                |     | 2%   | LK1608 1R0K-T       | L1690687  |       | 1-    | A    | F6      |
| L 1091 | M.RFC       | 1uH                |     |      | LK1608 1R0K-T       | L1690687  |       | 1-    | A    | F6      |
| L 1092 | M.RFC       | 1uH                |     |      | LK1608 1R0K-T       | L1690687  |       | 1-    | A    | F6      |
| L 1093 | M.RFC       | 1uH                |     | 2%   | LK1608 1R0K-T       | L1690687  |       | 1-    | A    | D5      |
| L 1094 | M.RFC       | 1uH                |     |      | LK1608 1R0K-T       | L1690687  |       | 1-    | A    | D5      |
| L 1095 | M.RFC       | 0.1uH              |     |      | TFL0816-100N        | L1690981  |       | 1-    | A    | D5      |
| Q 1001 | FET         |                    |     |      | 3SK296ZQ-TL-E       | G4802968  |       | 1-    | B    | c4      |
| Q 1002 | FET         |                    |     |      | 3SK296ZQ-TL-E       | G4802968  |       | 1-    | B    | d5      |
| Q 1003 | TRANSISTOR  |                    |     |      | 2SC5006-T1          | G3350068  |       | 1-    | A    | E5      |
| Q 1008 | FET         |                    |     |      | 3SK296ZQ-TL-E       | G4802968  |       | 1-    | B    | c4      |
| Q 1009 | FET         |                    |     |      | 3SK296ZQ-TL-E       | G4802968  |       | 1-    | B    | d5      |
| Q 1010 | FET         |                    |     |      | 3SK296ZQ-TL-E       | G4802968  |       | 1-    | B    | b4      |
| Q 1011 | TRANSISTOR  |                    |     |      | 2SC5374-TL          | G3353748  |       | 1-    | B    | d5      |
| Q 1012 | TRANSISTOR  |                    |     |      | 2SC5277-D2-TL       | G3352778B |       | 1-    | A    | H4      |
| Q 1013 | TRANSISTOR  |                    |     |      | 2SC5006-T1          | G3350068  |       | 1-    | A    | G4      |
| Q 1014 | TRANSISTOR  |                    |     |      | 2SC5006-T1          | G3350068  |       | 1-    | A    | E4      |
| Q 1016 | TRANSISTOR  |                    |     |      | 2SC4400-3-TL-E      | G3344008C |       | 1-    | A    | E7      |
| Q 1017 | TRANSISTOR  |                    |     |      | 2SC4617 TL R        | G3346178R |       | 1-    | B    | e7      |
| Q 1018 | TRANSISTOR  |                    |     |      | 2SC4617 TL R        | G3346178R |       | 1-    | B    | f6      |
| Q 1019 | TRANSISTOR  |                    |     |      | 2SC4617 TL R        | G3346178R |       | 1-    | A    | D7      |
| Q 1020 | TRANSISTOR  |                    |     |      | 2SC4617 TL R        | G3346178R |       | 1-    | A    | D7      |
| Q 1021 | TRANSISTOR  |                    |     |      | 2SC4617 TL R        | G3346178R |       | 1-    | B    | e6      |
| Q 1022 | TRANSISTOR  |                    |     |      | 2SC4400-3-TL-E      | G3344008C |       | 1-    | B    | d6      |
| Q 1023 | IC          |                    |     |      | TA31136FNG(EL)      | G1091605  |       | 1-    | A    | E7      |
| Q 1023 | IC          |                    |     |      | AA32416             | G1094857  |       | 136-  | A    | E7      |
| Q 1028 | IC          |                    |     |      | NJM2902V-TE1        | G1091679  |       | 1-    | B    | h5      |
| Q 1029 | TRANSISTOR  |                    |     |      | 2SC4617 TL R        | G3346178R |       | 1-    | A    | B3      |
| Q 1030 | TRANSISTOR  |                    |     |      | 2SC4617 TL R        | G3346178R |       | 1-    | A    | B3      |
| Q 1031 | IC          |                    |     |      | NJM2902V-TE1        | G1091679  |       | 1-    | B    | h6      |
| Q 1032 | TRANSISTOR  |                    |     |      | DTC144EE TL         | G3070075  |       | 1-    | B    | i5      |
| Q 1033 | TRANSISTOR  |                    |     |      | DTC144EE TL         | G3070075  |       | 1-    | B    | i6      |
| Q 1034 | IC          |                    |     |      | M51132FP 600C       | G1091930  |       | 1-    | A    | B3      |
| Q 1035 | IC          |                    |     |      | LA4425A-E           | G1092241  |       | 1-    | A    | A2      |
| Q 1036 | TRANSISTOR  |                    |     |      | DTC144EE TL         | G3070075  |       | 1-    | B    | h3      |
| Q 1037 | TRANSISTOR  |                    |     |      | DTC144EE TL         | G3070075  |       | 1-    | A    | B1      |
| Q 1038 | TRANSISTOR  |                    |     |      | DTC144EE TL         | G3070075  |       | 1-    | A    | B1      |
| Q 1039 | IC          |                    |     |      | BU4066BCFV-E2       | G1093537  |       | 1-    | A    | B5      |
| Q 1040 | IC          |                    |     |      | NJM2902V-TE1        | G1091679  |       | 1-    | A    | B5      |
| Q 1041 | TRANSISTOR  |                    |     |      | 2SC4617 TL R        | G3346178R |       | 1-    | B    | f1      |
| Q 1042 | TRANSISTOR  |                    |     |      | DTC144EE TL         | G3070075  |       | 1-    | B    | g6      |
| Q 1043 | TRANSISTOR  |                    |     |      | 2SB1301-T2 ZQ/ZP    | G3213017Q |       | 1-    | A    | B2      |
| Q 1044 | TRANSISTOR  |                    |     |      | 2SB1201S-TL         | G3070195  |       | 1-    | B    | g2      |
| Q 1044 | IC          |                    |     |      | BA09CC0FP(TAPE)     | G1094432  |       | 116-  | B    | g2      |
| Q 1045 | IC          |                    |     |      | MM1216ENRE          | G1092432  |       | 1-115 |      |         |
| Q 1046 | IC          |                    |     |      | NJM78L05UA-TE1      | G1091325  |       | 1-    | A    | B2      |
| Q 1047 | TRANSISTOR  |                    |     |      | 2SC4617 TL R        | G3346178R |       | 1-    | A    | B2      |
| Q 1049 | IC          |                    |     |      | NJM78L05UA-TE1      | G1091325  |       | 1-    | B    | i4      |
| Q 1050 | IC          |                    |     |      | S-80823CNMC-B8I-T2G | G1093635  |       | 1-    | B    | h5      |
| Q 1051 | TRANSISTOR  |                    |     |      | 2SC4617 TL R        | G3346178R |       | 1-    | B    | i5      |
| Q 1052 | TRANSISTOR  |                    |     |      | 2SC4617 TL R        | G3346178R |       | 1-    | B    | h6      |
| Q 1053 | IC          |                    |     |      | AT24C256BN-SH-T     | G1093837  |       | 1-    | B    | i6      |
| Q 1054 | TRANSISTOR  |                    |     |      | DTC144EE TL         | G3070075  |       | 1-    | A    | A5      |
| Q 1055 | TRANSISTOR  |                    |     |      | UMA8N TR            | G3070270  |       | 1-    | A    | G6      |
| Q 1056 | TRANSISTOR  |                    |     |      | DTA144EE TL         | G3070074  |       | 1-    | A    | G6      |
| Q 1057 | TRANSISTOR  |                    |     |      | UMA8N TR            | G3070270  |       | 1-    | A    | G6      |

# MAIN Unit

## Parts List

| REF    | DESCRIPTION | VALUE | V/W   | TOL. | MFR'S DESIG            | YAESU P/N | VERS. | LOT  | SIDE | LAY ADR |
|--------|-------------|-------|-------|------|------------------------|-----------|-------|------|------|---------|
| Q 1058 | TRANSISTOR  |       |       |      | IMT17 T110             | G3070295  |       | 1-   | A    | H6      |
| Q 1059 | IC          |       |       |      | BU2090FS-E2            | G1092187  |       | 1-   | A    | G6      |
| Q 1062 | TRANSISTOR  |       |       |      | DTA144EE TL            | G3070074  |       | 1-   | A    | F6      |
| Q 1063 | TRANSISTOR  |       |       |      | UMA8N TR               | G3070270  |       | 1-   | A    | F6      |
| Q 1064 | TRANSISTOR  |       |       |      | 2SC4617 TL R           | G3346178R |       | 1-   | A    | F6      |
| Q 1065 | IC          |       |       |      | M3826AEFGP             | ✖         |       | 1-   | A    | B6      |
| Q 1066 | TRANSISTOR  |       |       |      | DTC144EE TL            | G3070075  |       | 1-   | B    | f6      |
| Q 1067 | TRANSISTOR  |       |       |      | DTC144EE TL            | G3070075  |       | 1-   | B    | g6      |
| Q 1068 | TRANSISTOR  |       |       |      | DTC144EE TL            | G3070075  |       | 1-   | A    | E5      |
| Q 1069 | TRANSISTOR  |       |       |      | 2SA1774 TL R           | G3117748R |       | 1-   | A    | C6      |
| Q 1070 | IC          |       |       |      | MB15A02PFV1-G-BND-EFE1 | G1092541  |       | 1-   | A    | D6      |
| Q 1071 | TRANSISTOR  |       |       |      | 2SC4617 TL R           | G3346178R |       | 1-   | A    | D6      |
| Q 1072 | TRANSISTOR  |       |       |      | 2SC5006-T1             | G3350068  |       | 1-   | B    | e5      |
| Q 1073 | TRANSISTOR  |       |       |      | 2SC5006-T1             | G3350068  |       | 1-   | B    | f5      |
| Q 1074 | TRANSISTOR  |       |       |      | 2SC5006-T1             | G3350068  |       | 1-   | A    | D5      |
| Q 1075 | TRANSISTOR  |       |       |      | 2SC5006-T1             | G3350068  |       | 1-   | A    | D5      |
| Q 1076 | TRANSISTOR  |       |       |      | 2SC5374-TL             | G3353748  |       | 1-   | B    | e5      |
| Q 1077 | TRANSISTOR  |       |       |      | 2SC5374-TL             | G3353748  |       | 1-   | B    | e5      |
| Q 1078 | TRANSISTOR  |       |       |      | 2SC5374-TL             | G3353748  |       | 1-   | A    | E5      |
| Q 1079 | TRANSISTOR  |       |       |      | DTC144EE TL            | G3070075  |       | 1-   | B    | g4      |
| Q 1080 | TRANSISTOR  |       |       |      | DTC144EE TL            | G3070075  |       | 1-   | B    | g4      |
| Q 1081 | IC          |       |       |      | NJM2904V-TE1           | G1091677  |       | 1-   | B    | g4      |
| Q 1082 | TRANSISTOR  |       |       |      | DTA144EE TL            | G3070074  |       | 1-   | B    | f3      |
| Q 1083 | TRANSISTOR  |       |       |      | DTC144EE TL            | G3070075  |       | 1-   | B    | f4      |
| Q 1084 | FET         |       |       |      | 2SK2596BXTL-E          | G3825967  |       | 1-91 | A    | D4      |
| Q 1084 | FET         |       |       |      | RQA0004PXDQS           | G3070391  |       | 92-  | A    | D4      |
| Q 1085 | TRANSISTOR  |       |       |      | 2SD1664 T100 Q         | G3416647Q |       | 1-   | B    | e4      |
| Q 1086 | FET         |       |       |      | RD07MVS1-T12           | G3070320  |       | 1-   | A    | D3      |
| Q 1087 | FET         |       |       |      | RD70HVF1-101           | G3090140  |       | 1-   | A    | E2      |
| Q 1088 | TRANSISTOR  |       |       |      | DTA144EE TL            | G3070074  |       | 1-   | B    | b7      |
| R 1002 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D          | J24189167 |       | 1-   | A    | G4      |
| R 1003 | CHIP RES.   | 82k   | 1/16W | 0.5% | RR0510R-823-D          | J24189165 |       | 1-   | A    | G4      |
| R 1004 | CHIP RES.   | 10k   | 1/16W | 0.5% | RR0510P-103-D          | J24189143 |       | 1-   | B    | c4      |
| R 1005 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH        | J24189045 |       | 1-   | B    | c4      |
| R 1007 | CHIP RES.   | 15k   | 1/16W | 0.5% | RR0510R-153-D          | J24189147 |       | 1-   | A    | F4      |
| R 1008 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH        | J24189049 |       | 1-   | A    | F4      |
| R 1009 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH        | J24189013 |       | 1-   | B    | c4      |
| R 1011 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH        | J24189033 |       | 1-   | B    | c5      |
| R 1012 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH        | J24189013 |       | 1-   | B    | c5      |
| R 1013 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH        | J24189049 |       | 1-   | B    | c5      |
| R 1014 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH        | J24189049 |       | 1-   | B    | d5      |
| R 1015 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH        | J24189049 |       | 1-   | B    | d5      |
| R 1016 | CHIP RES.   | 33k   | 1/16W | 5%   | RMC1/16S 333JTH        | J24189043 |       | 1-   | B    | d5      |
| R 1017 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH        | J24189053 |       | 1-   | B    | d5      |
| R 1018 | CHIP RES.   | 150   | 1/16W | 5%   | RMC1/16S 151JTH        | J24189015 |       | 1-   | B    | d4      |
| R 1019 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH        | J24189025 |       | 1-   | B    | d5      |
| R 1020 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH        | J24189013 |       | 1-   | B    | d5      |
| R 1021 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH          | J24189070 |       | 1-   | B    | c4      |
| R 1022 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH        | J24189033 |       | 1-   | A    | F5      |
| R 1023 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH        | J24189013 |       | 1-   | A    | F5      |
| R 1024 | CHIP RES.   | 1M    | 1/16W | 5%   | RMC1/16S 105JTH        | J24189061 |       | 1-   | A    | E5      |
| R 1025 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH        | J24189045 |       | 1-   | A    | F5      |
| R 1026 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH        | J24189025 |       | 1-   | A    | E5      |
| R 1027 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH        | J24189025 |       | 1-   | B    | d5      |
| R 1028 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH        | J24189045 |       | 1-   | B    | d5      |
| R 1029 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH        | J24189053 |       | 1-   | B    | d5      |
| R 1030 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH        | J24189009 |       | 1-   | A    | E4      |
| R 1031 | CHIP RES.   | 82k   | 1/16W | 0.5% | RR0510R-823-D          | J24189165 |       | 1-   | A    | G4      |
| R 1035 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH        | J24189033 |       | 1-   | B    | b3      |
| R 1036 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH        | J24189045 |       | 1-   | B    | b4      |
| R 1037 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH        | J24189037 |       | 1-   | B    | b4      |
| R 1038 | CHIP RES.   | 15    | 1/16W | 5%   | RMC1/16S 150JTH        | J24189003 |       | 1-   | B    | c4      |
| R 1039 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH        | J24189009 |       | 1-   | B    | c4      |
| R 1040 | CHIP RES.   | 2.2k  | 1/16W | 5%   | RMC1/16S 222JTH        | J24189029 |       | 1-   | B    | c5      |
| R 1041 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH          | J24189070 |       | 1-   | B    | c5      |
| R 1042 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH        | J24189053 |       | 1-   | B    | c5      |
| R 1043 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH        | J24189053 |       | 1-   | B    | d5      |
| R 1044 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH        | J24189053 |       | 1-   | B    | d5      |
| R 1045 | CHIP RES.   | 15k   | 1/16W | 5%   | RMC1/16S 153JTH        | J24189039 |       | 1-   | B    | d5      |
| R 1046 | CHIP RES.   | 120k  | 1/16W | 5%   | RMC1/16S 124JTH        | J24189050 |       | 1-   | B    | d5      |

| REF    | DESCRIPTION | VALUE | V/W   | TOL. | MFR'S DESIG     | YAESU P/N | VERS. | LOT | SIDE | LAY ADR |
|--------|-------------|-------|-------|------|-----------------|-----------|-------|-----|------|---------|
| R 1047 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |       | 1-  | B    | d5      |
| R 1048 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH | J24189053 |       | 1-  | B    | d5      |
| R 1049 | CHIP RES.   | 150   | 1/16W | 5%   | RMC1/16S 151JTH | J24189015 |       | 1-  | B    | d5      |
| R 1050 | CHIP RES.   | 470   | 1/16W | 5%   | RMC1/16S 471JTH | J24189021 |       | 1-  | B    | d5      |
| R 1051 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |       | 1-  | B    | b3      |
| R 1054 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |       | 1-  | B    | b4      |
| R 1055 | CHIP RES.   | 10k   | 1/16W | 0.5% | RR0510P-103-D   | J24189143 |       | 1-  | A    | G4      |
| R 1056 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |       | 1-  | B    | b4      |
| R 1057 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |       | 1-  | B    | b4      |
| R 1058 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |       | 1-  | B    | b4      |
| R 1059 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |       | 1-  | B    | c5      |
| R 1060 | CHIP RES.   | 470   | 1/16W | 5%   | RMC1/16S 471JTH | J24189021 |       | 1-  | B    | c5      |
| R 1061 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |       | 1-  | B    | c5      |
| R 1062 | CHIP RES.   | 1.5M  | 1/16W | 5%   | RMC1/16S 155JTH | J24189063 |       | 1-  | B    | d5      |
| R 1063 | CHIP RES.   | 470   | 1/16W | 5%   | RMC1/16S 471JTH | J24189021 |       | 1-  | B    | d5      |
| R 1064 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |       | 1-  | B    | d5      |
| R 1065 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |       | 1-  | B    | b2      |
| R 1066 | CHIP RES.   | 330k  | 1/16W | 5%   | RMC1/16S 334JTH | J24189055 |       | 1-  | A    | H5      |
| R 1067 | CHIP RES.   | 22    | 1/16W | 5%   | RMC1/16S 220JTH | J24189005 |       | 1-  | A    | H5      |
| R 1068 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |       | 1-  | A    | H5      |
| R 1069 | CHIP RES.   | 820k  | 1/16W | 5%   | RMC1/16S 824JTH | J24189060 |       | 1-  | A    | G5      |
| R 1070 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |       | 1-  | A    | G5      |
| R 1071 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |       | 1-  | A    | G4      |
| R 1072 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |       | 1-  | A    | F4      |
| R 1073 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |       | 1-  | A    | G5      |
| R 1074 | CHIP RES.   | 560k  | 1/16W | 5%   | RMC1/16S 564JTH | J24189058 |       | 1-  | A    | F5      |
| R 1075 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |       | 1-  | A    | E5      |
| R 1076 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |       | 1-  | A    | E5      |
| R 1077 | CHIP RES.   | 22    | 1/16W | 5%   | RMC1/16S 220JTH | J24189005 |       | 1-  | A    | E4      |
| R 1078 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |       | 1-  | A    | E5      |
| R 1080 | CHIP RES.   | 2.2k  | 1/16W | 5%   | RMC1/16S 222JTH | J24189029 |       | 1-  | A    | F6      |
| R 1081 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |       | 1-  | A    | E6      |
| R 1082 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |       | 1-  | A    | F6      |
| R 1083 | CHIP RES.   | 560   | 1/16W | 5%   | RMC1/16S 561JTH | J24189022 |       | 1-  | A    | F7      |
| R 1084 | CHIP RES.   | 330k  | 1/16W | 5%   | RMC1/16S 334JTH | J24189055 |       | 1-  | A    | F7      |
| R 1085 | CHIP RES.   | 8.2k  | 1/16W | 0.5% | RR0510P-822-D   | J24189141 |       | 1-  | A    | F7      |
| R 1086 | CHIP RES.   | 330   | 1/16W | 5%   | RMC1/16S 331JTH | J24189019 |       | 1-  | A    | E7      |
| R 1087 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |       | 1-  | A    | E7      |
| R 1088 | CHIP RES.   | 470   | 1/16W | 5%   | RMC1/16S 471JTH | J24189021 |       | 1-  | A    | E7      |
| R 1089 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |       | 1-  | A    | E7      |
| R 1090 | CHIP RES.   | 10    | 1/16W | 5%   | RMC1/16S 100JTH | J24189001 |       | 1-  | A    | E7      |
| R 1091 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |       | 1-  | B    | e7      |
| R 1092 | CHIP RES.   | 150k  | 1/16W | 5%   | RMC1/16S 154JTH | J24189051 |       | 1-  | B    | e7      |
| R 1093 | CHIP RES.   | 10k   | 1/16W | 0.5% | RR0510P-103-D   | J24189143 |       | 1-  | A    | E7      |
| R 1094 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |       | 1-  | B    | e7      |
| R 1095 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |       | 1-  | B    | e7      |
| R 1096 | CHIP RES.   | 390k  | 1/16W | 5%   | RMC1/16S 394JTH | J24189056 |       | 1-  | B    | e6      |
| R 1097 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |       | 1-  | B    | f7      |
| R 1098 | CHIP RES.   | 2.7k  | 1/16W | 5%   | RMC1/16S 272JTH | J24189030 |       | 1-  | B    | e6      |
| R 1099 | CHIP RES.   | 330k  | 1/16W | 5%   | RMC1/16S 334JTH | J24189055 |       | 1-  | A    | D7      |
| R 1100 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |       | 1-  | B    | f7      |
| R 1101 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |       | 1-  | A    | D7      |
| R 1102 | CHIP RES.   | 1M    | 1/16W | 5%   | RMC1/16S 105JTH | J24189061 |       | 1-  | A    | D7      |
| R 1103 | CHIP RES.   | 470   | 1/16W | 5%   | RMC1/16S 471JTH | J24189021 |       | 1-  | A    | D7      |
| R 1104 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |       | 1-  | A    | D7      |
| R 1105 | CHIP RES.   | 1M    | 1/16W | 5%   | RMC1/16S 105JTH | J24189061 |       | 1-  | A    | D7      |
| R 1106 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |       | 1-  | A    | D7      |
| R 1107 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |       | 1-  | B    | e6      |
| R 1108 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |       | 1-  | B    | e6      |
| R 1109 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |       | 1-  | A    | D7      |
| R 1110 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |       | 1-  | B    | g5      |
| R 1111 | CHIP RES.   | 68k   | 1/16W | 0.5% | RR0510R-683-D   | J24189163 |       | 1-  | B    | g4      |
| R 1112 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |       | 1-  | B    | g3      |
| R 1113 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |       | 1-  | B    | g4      |
| R 1114 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |       | 1-  | B    | g4      |
| R 1115 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |       | 1-  | B    | d7      |
| R 1116 | CHIP RES.   | 1M    | 1/16W | 5%   | RMC1/16S 105JTH | J24189061 |       | 1-  | B    | d6      |
| R 1117 | CHIP RES.   | 470k  | 1/16W | 5%   | RMC1/16S 474JTH | J24189057 |       | 1-  | B    | d6      |
| R 1118 | CHIP RES.   | 1.5k  | 1/16W | 0.5% | RR0510P-152-D   | J24189123 |       | 1-  | B    | e7      |
| R 1119 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |       | 1-  | A    | E7      |

# MAIN Unit

## Parts List

| REF    | DESCRIPTION | VALUE | V/W   | TOL. | MFR'S DESIG     | YAESU P/N | VERS.     | LOT  | SIDE | LAY ADR |
|--------|-------------|-------|-------|------|-----------------|-----------|-----------|------|------|---------|
| R 1121 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | A    | E7      |
| R 1122 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | A    | B7      |
| R 1123 | CHIP RES.   | 47k   | 1/16W | 0.5% | RR0510R-473-D   | J24189159 |           | 1-   | B    | e7      |
| R 1124 | CHIP RES.   | 2.7k  | 1/16W | 0.5% | RR0510P-272-D   | J24189129 |           | 1-   | B    | e7      |
| R 1125 | CHIP RES.   | 3.3k  | 1/16W | 0.5% | RR0510P-332-D   | J24189131 |           | 1-   | B    | e7      |
| R 1126 | CHIP RES.   | 150k  | 1/16W | 5%   | RMC1/16S 154JTH | J24189051 |           | 1-   | B    | e7      |
| R 1127 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |           | 1-   | A    | E7      |
| R 1128 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |           | 1-   | A    | D7      |
| R 1129 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | B    | d6      |
| R 1130 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |           | 1-   | B    | e6      |
| R 1135 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |           | 1-   | B    | e6      |
| R 1136 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |           | 1-   | B    | e6      |
| R 1138 | CHIP RES.   | 68k   | 1/16W | 5%   | RMC1/16S 683JTH | J24189047 |           | 1-   | B    | h6      |
| R 1139 | CHIP RES.   | 10k   | 1/16W | 0.5% | RR0510P-103-D   | J24189143 |           | 1-   | B    | g5      |
| R 1140 | CHIP RES.   | 330k  | 1/16W | 5%   | RMC1/16S 334JTH | J24189055 |           | 1-   | B    | g5      |
| R 1141 | CHIP RES.   | 470k  | 1/16W | 5%   | RMC1/16S 474JTH | J24189057 |           | 1-   | B    | g6      |
| R 1143 | CHIP RES.   | 330k  | 1/16W | 5%   | RMC1/16S 334JTH | J24189055 |           | 1-   | B    | h5      |
| R 1144 | CHIP RES.   | 68k   | 1/16W | 0.5% | RR0510R-683-D   | J24189163 |           | 1-   | B    | h6      |
| R 1145 | CHIP RES.   | 39k   | 1/16W | 5%   | RMC1/16S 393JTH | J24189044 |           | 1-   | B    | h5      |
| R 1146 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH | J24189053 |           | 1-   | B    | h5      |
| R 1147 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | B    | h5      |
| R 1148 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | B    | h5      |
| R 1149 | CHIP RES.   | 27k   | 1/16W | 5%   | RMC1/16S 273JTH | J24189042 |           | 1-   | B    | g5      |
| R 1150 | CHIP RES.   | 390k  | 1/16W | 5%   | RMC1/16S 394JTH | J24189056 |           | 1-   | B    | h5      |
| R 1151 | CHIP RES.   | 150k  | 1/16W | 5%   | RMC1/16S 154JTH | J24189051 |           | 1-   | B    | h5      |
| R 1152 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | B    | h5      |
| R 1153 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | A    | B3      |
| R 1154 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH | J24189053 |           | 1-   | A    | B3      |
| R 1155 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH | J24189053 |           | 1-   | A    | B3      |
| R 1156 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |           | 1-   | B    | h1      |
| R 1157 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |           | 1-   | B    | h1      |
| R 1158 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |           | 1-   | A    | B3      |
| R 1159 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH | J24189053 |           | 1-   | A    | B3      |
| R 1160 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH | J24189053 |           | 1-   | A    | B3      |
| R 1161 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | A    | B3      |
| R 1163 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |           | 1-   | A    | B3      |
| R 1164 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | A    | B5      |
| R 1165 | CHIP RES.   | 1M    | 1/16W | 5%   | RMC1/16S 105JTH | J24189061 |           | 1-   | B    | h5      |
| R 1167 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |           | 1-   | B    | h5      |
| R 1168 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |           | 1-   | B    | h5      |
| R 1169 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | B    | h5      |
| R 1170 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | B    | h6      |
| R 1171 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | B    | h5      |
| R 1172 | CHIP RES.   | 470k  | 1/16W | 5%   | RMC1/16S 474JTH | J24189057 |           | 1-   | B    | h5      |
| R 1173 | CHIP RES.   | 2.7k  | 1/16W | 5%   | RMC1/16S 272JTH | J24189030 |           | 1-   | B    | h5      |
| R 1174 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | B    | h5      |
| R 1175 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |           | 1-   | B    | h5      |
| R 1176 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |           | 1-   | B    | h5      |
| R 1177 | CHIP RES.   | 3.3M  | 1/16W | 5%   | RMC1/16S 335JTH | J24189324 |           | 1-   | B    | h5      |
| R 1178 | CHIP RES.   | 390k  | 1/16W | 5%   | RMC1/16S 394JTH | J24189056 |           | 1-   | B    | i5      |
| R 1179 | CHIP RES.   | 390k  | 1/16W | 5%   | RMC1/16S 394JTH | J24189056 |           | 1-   | B    | i5      |
| R 1180 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |           | 1-   | B    | i6      |
| R 1181 | CHIP RES.   | 390k  | 1/16W | 5%   | RMC1/16S 394JTH | J24189056 |           | 1-   | B    | i6      |
| R 1182 | CHIP RES.   | 390k  | 1/16W | 5%   | RMC1/16S 394JTH | J24189056 |           | 1-   | B    | h6      |
| R 1183 | CHIP RES.   | 68k   | 1/16W | 5%   | RMC1/16S 683JTH | J24189047 |           | 1-   | B    | h6      |
| R 1184 | CHIP RES.   | 68k   | 1/16W | 5%   | RMC1/16S 683JTH | J24189047 |           | 1-   | B    | h6      |
| R 1185 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |           | 1-   | A    | A2      |
| R 1186 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | B    | h4      |
| R 1187 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | A    | B3      |
| R 1188 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-   | B    | h2      |
| R 1189 | CHIP RES.   | 10    | 1/16W | 5%   | RMC1/16S 100JTH | J24189001 |           | 1-   | B    | i3      |
| R 1190 | CHIP RES.   | 10    | 1/16W | 5%   | RMC1/16S 100JTH | J24189001 |           | 1-   | B    | i3      |
| R 1191 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | A    | A3      |
| R 1192 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | B    | h2      |
| R 1193 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | B    | h2      |
| R 1194 | CHIP RES.   | 2.2M  | 1/16W | 5%   | RMC1/16S 225JTH | J24189065 |           | 1-   | B    | h2      |
| R 1195 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | A    | B1      |
| R 1196 | CHIP RES.   | 10    | 1/2W  | 5%   | RMC1/2 100JCTP  | J24275100 |           | 1-   | A    | A4      |
| R 1197 | CHIP RES.   | 10    | 1/2W  | 5%   | RMC1/2 100JCTP  | J24275100 |           | 1-91 | A    | A4      |
| R 1197 | CHIP RES.   | 0     | 1/2W  | 5%   | RMC1/2 JPATE    | J24275000 | AUSTRALIA | 92-  | A    | A4      |



| REF    | DESCRIPTION | VALUE | V/W   | TOL. | MFR'S DESIG     | YAESU P/N | VERS.                      | LOT | SIDE | LAY ADR |
|--------|-------------|-------|-------|------|-----------------|-----------|----------------------------|-----|------|---------|
| R 1197 | CHIP RES.   | 0     | 1/2W  | 5%   | RMC1/2 JPATE    | J24275000 | EXPORT<br>USA              | 92- | A    | A4      |
| R 1197 | CHIP RES.   | 0     | 1/2W  | 5%   | RMC1/2 JPATE    | J24275000 |                            | 92- | A    | A4      |
| R 1198 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |                            | 1-  | B    | h6      |
| R 1199 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |                            | 1-  | A    | B5      |
| R 1200 | CHIP RES.   | 2.2M  | 1/16W | 5%   | RMC1/16S 225JTH | J24189065 |                            | 1-  | A    | B5      |
| R 1201 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |                            | 1-  | A    | B6      |
| R 1202 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |                            | 1-  | A    | B1      |
| R 1203 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |                            | 1-  | A    | B1      |
| R 1204 | CHIP RES.   | 680k  | 1/16W | 5%   | RMC1/16S 684JTH | J24189059 |                            | 1-  | A    | B1      |
| R 1205 | CHIP RES.   | 470k  | 1/16W | 5%   | RMC1/16S 474JTH | J24189057 |                            | 1-  | A    | B1      |
| R 1206 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |                            | 1-  | A    | B1      |
| R 1207 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |                            | 1-  | B    | h5      |
| R 1208 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH | J24189053 |                            | 1-  | A    | B5      |
| R 1209 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |                            | 1-  | A    | B5      |
| R 1210 | CHIP RES.   | 56k   | 1/16W | 0.5% | RR0510R-563-D   | J24189161 |                            | 1-  | A    | B5      |
| R 1211 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |                            | 1-  | A    | B5      |
| R 1212 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |                            | 1-  | A    | A5      |
| R 1213 | CHIP RES.   | 2.2k  | 1/16W | 5%   | RMC1/16S 222JTH | J24189029 |                            | 1-  | A    | B5      |
| R 1214 | CHIP RES.   | 39k   | 1/16W | 5%   | RMC1/16S 393JTH | J24189044 |                            | 1-  | A    | B5      |
| R 1215 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |                            | 1-  | A    | B5      |
| R 1216 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |                            | 1-  | B    | f6      |
| R 1217 | CHIP RES.   | 33    | 1/2W  | 5%   | RMC1/2 330JCTP  | J24275330 |                            | 1-  | B    | g2      |
| R 1218 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |                            | 1-  | B    | g1      |
| R 1219 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |                            | 1-  | B    | g7      |
| R 1220 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |                            | 1-  | B    | g7      |
| R 1221 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |                            | 1-  | B    | f7      |
| R 1222 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |                            | 1-  | B    | f6      |
| R 1223 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |                            | 1-  | A    | B6      |
| R 1224 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |                            | 1-  | B    | g7      |
| R 1225 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |                            | 1-  | A    | B2      |
| R 1226 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |                            | 1-  | A    | B2      |
| R 1227 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |                            | 1-  | A    | B2      |
| R 1228 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |                            | 1-  | A    | B2      |
| R 1229 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |                            | 1-  | A    | B2      |
| R 1230 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH   | J24189070 |                            | 1-  | B    | g4      |
| R 1231 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |                            | 1-  | A    | B2      |
| R 1232 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |                            | 1-  | A    | B2      |
| R 1235 | CHIP RES.   | 5.6k  | 1/16W | 5%   | RMC1/16S 562JTH | J24189034 |                            | 1-  | B    | h4      |
| R 1236 | CHIP RES.   | 15k   | 1/16W | 5%   | RMC1/16S 153JTH | J24189039 |                            | 1-  | B    | h4      |
| R 1237 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |                            | 1-  | B    | h5      |
| R 1238 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH | J24189053 |                            | 1-  | B    | h5      |
| R 1239 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |                            | 1-  | B    | h4      |
| R 1240 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |                            | 1-  | B    | i4      |
| R 1241 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |                            | 1-  | B    | h5      |
| R 1242 | CHIP RES.   | 470k  | 1/16W | 5%   | RMC1/16S 474JTH | J24189057 |                            | 1-  | B    | i5      |
| R 1243 | CHIP RES.   | 470k  | 1/16W | 5%   | RMC1/16S 474JTH | J24189057 |                            | 1-  | B    | i5      |
| R 1244 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |                            | 1-  | B    | h6      |
| R 1245 | CHIP RES.   | 470   | 1/16W | 5%   | RMC1/16S 471JTH | J24189021 |                            | 1-  | B    | h6      |
| R 1246 | CHIP RES.   | 1M    | 1/16W | 5%   | RMC1/16S 105JTH | J24189061 |                            | 1-  | B    | h6      |
| R 1247 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |                            | 1-  | B    | h6      |
| R 1248 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |                            | 1-  | B    | h7      |
| R 1249 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |                            | 1-  | B    | h6      |
| R 1250 | CHIP RES.   | 2.2M  | 1/16W | 5%   | RMC1/16S 225JTH | J24189065 |                            | 1-  | A    | A5      |
| R 1251 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |                            | 1-  | A    | A5      |
| R 1252 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |                            | 1-  | A    | A5      |
| R 1253 | CHIP RES.   | 3.9k  | 1/16W | 5%   | RMC1/16S 392JTH | J24189032 |                            | 1-  | A    | A5      |
| R 1254 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |                            | 1-  | A    | A5      |
| R 1255 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH | J24189053 |                            | 1-  | A    | A5      |
| R 1256 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH | J24189053 |                            | 1-  | A    | A5      |
| R 1257 | CHIP RES.   | 330k  | 1/16W | 5%   | RMC1/16S 334JTH | J24189055 |                            | 1-  | A    | A5      |
| R 1258 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |                            | 1-  | A    | A5      |
| R 1259 | CHIP RES.   | 68k   | 1/16W | 5%   | RMC1/16S 683JTH | J24189047 |                            | 1-  | A    | B5      |
| R 1260 | CHIP RES.   | 68k   | 1/16W | 5%   | RMC1/16S 683JTH | J24189047 |                            | 1-  | B    | h6      |
| R 1261 | CHIP RES.   | 390k  | 1/16W | 5%   | RMC1/16S 394JTH | J24189056 | AUSTRALIA<br>EXPORT<br>USA | 1-  | A    | B6      |
| R 1261 | CHIP RES.   | 390k  | 1/16W | 5%   | RMC1/16S 394JTH | J24189056 |                            | 1-  | A    | B6      |
| R 1261 | CHIP RES.   | 330k  | 1/16W | 5%   | RMC1/16S 334JTH | J24189055 |                            | 1-  | A    | B6      |
| R 1262 | CHIP RES.   | 150k  | 1/16W | 5%   | RMC1/16S 154JTH | J24189051 |                            | 1-  | A    | B5      |
| R 1263 | CHIP RES.   | 150k  | 1/16W | 5%   | RMC1/16S 154JTH | J24189051 |                            | 1-  | A    | B5      |
| R 1264 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |                            | 1-  | A    | B6      |
| R 1265 | CHIP RES.   | 33k   | 1/16W | 0.5% | RR0510R-333-D   | J24189155 |                            | 1-  | A    | B6      |

# MAIN Unit

## Parts List

| REF    | DESCRIPTION | VALUE | V/W   | TOL. | MFR'S DESIG     | YAESU P/N | VERS.   | LOT | SIDE | LAY ADR |
|--------|-------------|-------|-------|------|-----------------|-----------|---------|-----|------|---------|
| R 1266 | CHIP RES.   | 56k   | 1/16W | 0.5% | RR0510R-563-D   | J24189161 |         | 1-  | A    | B6      |
| R 1267 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | B5      |
| R 1268 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |         | 1-  | A    | B5      |
| R 1269 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | B    | g6      |
| R 1270 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |         | 1-  | A    | H6      |
| R 1271 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |         | 1-  | A    | G6      |
| R 1272 | CHIP RES.   | 2.2k  | 1/16W | 5%   | RMC1/16S 222JTH | J24189029 |         | 1-  | A    | G6      |
| R 1273 | CHIP RES.   | 2.2k  | 1/16W | 5%   | RMC1/16S 222JTH | J24189029 |         | 1-  | A    | G6      |
| R 1274 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | G6      |
| R 1275 | CHIP RES.   | 8.2k  | 1/16W | 5%   | RMC1/16S 822JTH | J24189036 |         | 1-  | A    | F6      |
| R 1276 | CHIP RES.   | 15k   | 1/16W | 5%   | RMC1/16S 153JTH | J24189039 |         | 1-  | A    | F7      |
| R 1277 | CHIP RES.   | 15k   | 1/16W | 0.5% | RR0510R-153-D   | J24189147 |         | 1-  | A    | A7      |
| R 1278 | CHIP RES.   | 10k   | 1/16W | 0.5% | RR0510P-103-D   | J24189143 |         | 1-  | A    | A7      |
| R 1279 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | B    | h7      |
| R 1280 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | B    | h7      |
| R 1281 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | B    | h7      |
| R 1282 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | A    | A7      |
| R 1283 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | A    | A7      |
| R 1284 | CHIP RES.   | 390k  | 1/16W | 5%   | RMC1/16S 394JTH | J24189056 |         | 1-  | A    | A7      |
| R 1285 | CHIP RES.   | 820k  | 1/16W | 5%   | RMC1/16S 824JTH | J24189060 |         | 1-  | B    | h7      |
| R 1286 | CHIP RES.   | 1.5M  | 1/16W | 5%   | RMC1/16S 155JTH | J24189063 |         | 1-  | B    | h7      |
| R 1287 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | A6      |
| R 1288 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH   | J24189070 |         | 1   | A    | A6      |
| R 1289 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH   | J24189070 |         | 1-  | A    | A6      |
| R 1290 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH   | J24189070 |         | 1-  | A    | A6      |
| R 1293 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH   | J24189070 | VER. A2 | 1-  | A    | A6      |
| R 1294 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH   | J24189070 | VER. A1 | 2-  | A    | A6      |
| R 1294 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH   | J24189070 | VER. B1 | 2-  | A    | A6      |
| R 1294 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH   | J24189070 | VER. C1 | 2-  | A    | A6      |
| R 1294 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH   | J24189070 | VER. D1 | 2-  | A    | A6      |
| R 1296 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | A6      |
| R 1297 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | A6      |
| R 1298 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | B    | h7      |
| R 1299 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | A6      |
| R 1300 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | A6      |
| R 1301 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | A6      |
| R 1302 | CHIP RES.   | 10k   | 1/16W | 0.5% | RR0510P-103-D   | J24189143 |         | 1-  | A    | A6      |
| R 1303 | CHIP RES.   | 15k   | 1/16W | 0.5% | RR0510R-153-D   | J24189147 |         | 1-  | A    | A6      |
| R 1304 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | A    | A6      |
| R 1305 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | A    | A6      |
| R 1306 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | A    | A6      |
| R 1307 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | A    | A6      |
| R 1308 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | A    | A6      |
| R 1309 | CHIP RES.   | 390k  | 1/16W | 5%   | RMC1/16S 394JTH | J24189056 |         | 1-  | A    | A6      |
| R 1310 | CHIP RES.   | 820k  | 1/16W | 5%   | RMC1/16S 824JTH | J24189060 |         | 1-  | A    | A6      |
| R 1311 | CHIP RES.   | 1.5M  | 1/16W | 5%   | RMC1/16S 155JTH | J24189063 |         | 1-  | A    | A6      |
| R 1312 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |         | 1-  | B    | h6      |
| R 1313 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | B    | h6      |
| R 1314 | CHIP RES.   | 1.5M  | 1/16W | 5%   | RMC1/16S 155JTH | J24189063 |         | 1-  | A    | B6      |
| R 1315 | CHIP RES.   | 820k  | 1/16W | 5%   | RMC1/16S 824JTH | J24189060 |         | 1-  | A    | B6      |
| R 1316 | CHIP RES.   | 390k  | 1/16W | 5%   | RMC1/16S 394JTH | J24189056 |         | 1-  | A    | B6      |
| R 1317 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | A    | B6      |
| R 1318 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | A    | B6      |
| R 1319 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | A    | B6      |
| R 1320 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | A    | B6      |
| R 1321 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | A    | B6      |
| R 1322 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |         | 1-  | B    | g6      |
| R 1323 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | B    | h4      |
| R 1324 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | B    | h4      |
| R 1325 | CHIP RES.   | 100k  | 1/16W | 0.5% | RR0510R-104-D   | J24189167 |         | 1-  | B    | h7      |
| R 1326 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | B    | h7      |
| R 1327 | CHIP RES.   | 2.2k  | 1/16W | 0.5% | RR0510P-222-D   | J24189127 |         | 1-  | A    | B4      |
| R 1328 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | B6      |
| R 1329 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | B6      |
| R 1331 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | B6      |
| R 1332 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | B6      |
| R 1333 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | B6      |
| R 1334 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | B6      |
| R 1335 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |         | 1-  | A    | B6      |
| R 1336 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |         | 1-  | A    | B6      |

# MAIN Unit

## Parts List

| REF    | DESCRIPTION | VALUE | V/W   | TOL. | MFR'S DESIG     | YAESU P/N | VERS.     | LOT  | SIDE | LAY ADR |
|--------|-------------|-------|-------|------|-----------------|-----------|-----------|------|------|---------|
| R 1337 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | A    | B6      |
| R 1338 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | B    | g7      |
| R 1339 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | B    | g6      |
| R 1340 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | B    | g6      |
| R 1341 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | B    | h6      |
| R 1342 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | B    | h7      |
| R 1343 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | A    | B7      |
| R 1344 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-   | A    | B7      |
| R 1345 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | A    | B7      |
| R 1346 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | A    | B7      |
| R 1347 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |           | 1-   | A    | B7      |
| R 1348 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | A    | B7      |
| R 1349 | CHIP RES.   | 39k   | 1/16W | 5%   | RMC1/16S 393JTH | J24189044 |           | 1-   | B    | f6      |
| R 1350 | CHIP RES.   | 27k   | 1/16W | 5%   | RMC1/16S 273JTH | J24189042 |           | 1-   | B    | g6      |
| R 1351 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | B    | f6      |
| R 1352 | CHIP RES.   | 2.2k  | 1/16W | 5%   | RMC1/16S 222JTH | J24189029 |           | 1-   | A    | D5      |
| R 1353 | CHIP RES.   | 2.2k  | 1/16W | 5%   | RMC1/16S 222JTH | J24189029 |           | 1-   | A    | D5      |
| R 1354 | CHIP RES.   | 330   | 1/16W | 5%   | RMC1/16S 331JTH | J24189019 |           | 1-   | A    | D5      |
| R 1355 | CHIP RES.   | 150   | 1/16W | 5%   | RMC1/16S 151JTH | J24189015 |           | 1-   | A    | D5      |
| R 1356 | CHIP RES.   | 680   | 1/16W | 5%   | RMC1/16S 681JTH | J24189023 |           | 1-   | A    | D5      |
| R 1357 | CHIP RES.   | 82k   | 1/16W | 5%   | RMC1/16S 823JTH | J24189048 |           | 1-   | B    | g4      |
| R 1358 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | A    | B5      |
| R 1359 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | B    | g6      |
| R 1360 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |           | 1-   | B    | f6      |
| R 1361 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | B    | e6      |
| R 1362 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |           | 1-   | A    | C6      |
| R 1363 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | A    | C6      |
| R 1364 | CHIP RES.   | 680k  | 1/16W | 5%   | RMC1/16S 684JTH | J24189059 |           | 1-   | A    | D5      |
| R 1365 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-   | A    | D5      |
| R 1366 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH | J24189053 |           | 1-   | A    | C6      |
| R 1367 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |           | 1-   | A    | D6      |
| R 1368 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-   | B    | f6      |
| R 1369 | CHIP RES.   | 470k  | 1/16W | 5%   | RMC1/16S 474JTH | J24189057 |           | 1-   | B    | f6      |
| R 1370 | CHIP RES.   | 120k  | 1/16W | 5%   | RMC1/16S 124JTH | J24189050 |           | 1-   | B    | f6      |
| R 1371 | CHIP RES.   | 82k   | 1/16W | 5%   | RMC1/16S 823JTH | J24189048 |           | 1-   | B    | f6      |
| R 1372 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | B    | e6      |
| R 1373 | CHIP RES.   | 470k  | 1/16W | 5%   | RMC1/16S 474JTH | J24189057 |           | 1-   | B    | f6      |
| R 1374 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | B    | e6      |
| R 1375 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | A    | D6      |
| R 1376 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | A    | D6      |
| R 1377 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | A    | D6      |
| R 1378 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | A    | D5      |
| R 1379 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |           | 1-   | B    | e6      |
| R 1380 | CHIP RES.   | 150k  | 1/16W | 5%   | RMC1/16S 154JTH | J24189051 |           | 1-   | B    | e6      |
| R 1381 | CHIP RES.   | 330k  | 1/16W | 5%   | RMC1/16S 334JTH | J24189055 |           | 1-   | B    | f6      |
| R 1382 | CHIP RES.   | 82k   | 1/16W | 5%   | RMC1/16S 823JTH | J24189048 |           | 1-   | B    | f6      |
| R 1383 | CHIP RES.   | 18k   | 1/16W | 5%   | RMC1/16S 183JTH | J24189040 |           | 1-   | B    | f6      |
| R 1384 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |           | 1-   | A    | D6      |
| R 1385 | CHIP RES.   | 18k   | 1/16W | 5%   | RMC1/16S 183JTH | J24189040 |           | 1-   | A    | D6      |
| R 1386 | CHIP RES.   | 56k   | 1/16W | 5%   | RMC1/16S 563JTH | J24189046 |           | 1-   | A    | C5      |
| R 1387 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | A    | E5      |
| R 1388 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | B    | e5      |
| R 1389 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH | J24189053 |           | 1-   | B    | e5      |
| R 1389 | CHIP RES.   | 180k  | 1/16W | 5%   | RMC1/16S 184JTH | J24189052 |           | 129- | B    | e5      |
| R 1390 | CHIP RES.   | 150   | 1/16W | 5%   | RMC1/16S 151JTH | J24189015 |           | 1-   | B    | f5      |
| R 1391 | CHIP RES.   | 3.3k  | 1/16W | 5%   | RMC1/16S 332JTH | J24189031 |           | 1-   | B    | e5      |
| R 1392 | CHIP RES.   | 15k   | 1/16W | 5%   | RMC1/16S 153JTH | J24189039 |           | 1-   | B    | e5      |
| R 1392 | CHIP RES.   | 15k   | 1/16W | 0.5% | RR0510R-153-D   | J24189147 |           | 97-  | B    | e5      |
| R 1393 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |           | 1-   | B    | e5      |
| R 1393 | CHIP RES.   | 22k   | 1/16W | 0.5% | RR0510R-223-D   | J24189151 |           | 97-  | B    | e5      |
| R 1394 | CHIP RES.   | 680   | 1/16W | 5%   | RMC1/16S 681JTH | J24189023 |           | 1-   | B    | f5      |
| R 1395 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |           | 1-   | B    | e5      |
| R 1396 | CHIP RES.   | 470   | 1/16W | 5%   | RMC1/16S 471JTH | J24189021 |           | 1-   | B    | e5      |
| R 1397 | CHIP RES.   | 33k   | 1/16W | 5%   | RMC1/16S 333JTH | J24189043 |           | 1-   | B    | e5      |
| R 1398 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |           | 1-   | A    | D5      |
| R 1399 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH | J24189037 |           | 1-   | A    | D5      |
| R 1400 | CHIP RES.   | 33k   | 1/16W | 5%   | RMC1/16S 333JTH | J24189043 |           | 1-91 | A    | D5      |
| R 1400 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 | AUSTRALIA | 92-  | A    | D5      |
| R 1400 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 | EXPORT    | 92-  | A    | D5      |
| R 1400 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 | USA       | 92-  | A    | D5      |

# MAIN Unit

## Parts List

| REF    | DESCRIPTION | VALUE | V/W   | TOL. | MFR'S DESIG     | YAESU P/N | VERS.     | LOT  | SIDE | LAY ADR |
|--------|-------------|-------|-------|------|-----------------|-----------|-----------|------|------|---------|
| R 1401 | CHIP RES.   | 270   | 1/16W | 5%   | RMC1/16S 271JTH | J24189018 |           | 1-   | B    | e5      |
| R 1402 | CHIP RES.   | 470   | 1/16W | 5%   | RMC1/16S 471JTH | J24189021 |           | 1-   | A    | D5      |
| R 1403 | CHIP RES.   | 3.3k  | 1/16W | 5%   | RMC1/16S 332JTH | J24189031 |           | 1-   | A    | E5      |
| R 1404 | CHIP RES.   | 2.2k  | 1/16W | 5%   | RMC1/16S 222JTH | J24189029 |           | 1-   | B    | e5      |
| R 1405 | CHIP RES.   | 15k   | 1/16W | 5%   | RMC1/16S 153JTH | J24189039 |           | 1-   | B    | e5      |
| R 1406 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |           | 1-   | B    | e5      |
| R 1407 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | B    | e5      |
| R 1408 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |           | 1-   | B    | e5      |
| R 1409 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | B    | e5      |
| R 1410 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-   | A    | D5      |
| R 1411 | CHIP RES.   | 33k   | 1/16W | 5%   | RMC1/16S 333JTH | J24189043 |           | 1-   | B    | e5      |
| R 1412 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |           | 1-   | A    | D5      |
| R 1413 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |           | 1-   | A    | E5      |
| R 1414 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH | J24189049 |           | 1-   | A    | E5      |
| R 1415 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | B    | f4      |
| R 1416 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | B    | e4      |
| R 1417 | CHIP RES.   | 47k   | 1/16W | 5%   | RMC1/16S 473JTH | J24189045 |           | 1-   | B    | g4      |
| R 1418 | CHIP RES.   | 10    | 1/16W | 5%   | RMC1/16S 100JTH | J24189001 |           | 1-   | A    | D4      |
| R 1419 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | B    | g3      |
| R 1420 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | B    | c2      |
| R 1421 | CHIP RES.   | 330k  | 1/16W | 5%   | RMC1/16S 334JTH | J24189055 |           | 1-   | B    | g3      |
| R 1422 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-   | B    | g3      |
| R 1423 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-   | B    | g4      |
| R 1424 | CHIP RES.   | 3.3k  | 1/16W | 5%   | RMC1/16S 332JTH | J24189031 |           | 1-   | B    | g4      |
| R 1425 | CHIP RES.   | 150k  | 1/16W | 5%   | RMC1/16S 154JTH | J24189051 |           | 1-   | B    | g4      |
| R 1426 | CHIP RES.   | 2.2M  | 1/16W | 5%   | RMC1/16S 225JTH | J24189065 |           | 1-   | B    | g4      |
| R 1428 | CHIP RES.   | 6.8k  | 1/16W | 5%   | RMC1/16S 682JTH | J24189035 |           | 1-   | B    | g3      |
| R 1430 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |           | 1-   | B    | e4      |
| R 1431 | CHIP RES.   | 150   | 1/16W | 5%   | RMC1/16S 151JTH | J24189015 |           | 1-   | B    | e4      |
| R 1432 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |           | 1-   | B    | e4      |
| R 1433 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-   | B    | e4      |
| R 1434 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH   | J24189070 |           | 1-   | B    | e4      |
| R 1435 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | B    | e4      |
| R 1436 | CHIP RES.   | 8.2k  | 1/16W | 5%   | RMC1/16S 822JTH | J24189036 |           | 1-   | B    | g4      |
| R 1437 | CHIP RES.   | 27k   | 1/16W | 5%   | RMC1/16S 273JTH | J24189042 |           | 1-   | B    | f4      |
| R 1438 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |           | 1-   | B    | e3      |
| R 1439 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |           | 1-   | B    | e3      |
| R 1440 | CHIP RES.   | 220   | 1/16W | 5%   | RMC1/16S 221JTH | J24189017 |           | 1-   | B    | e4      |
| R 1441 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |           | 1-   | B    | f4      |
| R 1442 | CHIP RES.   | 4.7k  | 1/16W | 5%   | RMC1/16S 472JTH | J24189033 |           | 1-   | B    | e4      |
| R 1443 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-   | A    | D4      |
| R 1444 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-   | A    | E4      |
| R 1445 | CHIP RES.   | 470   | 1/16W | 5%   | RMC1/16S 471JTH | J24189021 |           | 1-   | A    | D4      |
| R 1446 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-   | A    | D3      |
| R 1447 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-91 | A    | D3      |
| R 1447 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH   | J24189070 | AUSTRALIA | 92-  | A    | D3      |
| R 1447 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH   | J24189070 | EXPORT    | 92-  | A    | D3      |
| R 1447 | CHIP RES.   | 0     | 1/16W | 5%   | RMC1/16S JPTH   | J24189070 | USA       | 92-  | A    | D3      |
| R 1448 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-   | A    | D3      |
| R 1449 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | A    | D3      |
| R 1450 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | A    | D3      |
| R 1451 | CHIP RES.   | 82    | 1/16W | 5%   | RMC1/16S 820JTH | J24189012 |           | 1-   | B    | e3      |
| R 1452 | CHIP RES.   | 82    | 1/16W | 5%   | RMC1/16S 820JTH | J24189012 |           | 1-   | B    | e3      |
| R 1453 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH | J24189025 |           | 1-   | A    | E4      |
| R 1454 | CHIP RES.   | 100   | 1/16W | 5%   | RMC1/16S 101JTH | J24189013 |           | 1-   | A    | E4      |
| R 1455 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |           | 1-   | B    | f3      |
| R 1456 | CHIP RES.   | 12k   | 1/16W | 5%   | RMC1/16S 123JTH | J24189038 |           | 1-   | B    | e4      |
| R 1457 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |           | 1-   | B    | f2      |
| R 1459 | CHIP RES.   | 820   | 1/2W  | 5%   | RK73B2HTTE821J  | J24279028 |           | 1-   | B    | f2      |
| R 1460 | CHIP RES.   | 820   | 1/2W  | 5%   | RK73B2HTTE821J  | J24279028 |           | 1-   | B    | f2      |
| R 1461 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |           | 1-   | A    | C2      |
| R 1462 | CHIP RES.   | 47    | 1/16W | 5%   | RMC1/16S 470JTH | J24189009 |           | 1-   | B    | f2      |
| R 1463 | CHIP RES.   | 470   | 1/2W  | 5%   | RMC1/2 471JCTP  | J24275471 |           | 1-   | B    | f2      |
| R 1464 | CHIP RES.   | 22k   | 1/16W | 5%   | RMC1/16S 223JTH | J24189041 |           | 1-   | B    | f2      |
| R 1465 | CHIP RES.   | 8.2k  | 1/16W | 5%   | RMC1/16S 822JTH | J24189036 |           | 1-   | B    | g3      |
| R 1466 | CHIP RES.   | 82    | 1/16W | 5%   | RMC1/16S 820JTH | J24189012 |           | 1-   | B    | f2      |
| R 1466 | CHIP RES.   | 82    | 1/16W | 5%   | RMC1/16 820JATP | J24185820 |           | 8-   | B    | f2      |
| R 1467 | CHIP RES.   | 82    | 1/16W | 5%   | RMC1/16 820JATP | J24185820 |           | 1-   | B    | f2      |
| R 1468 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16 102JATP | J24185102 |           | 1-   | A    | C2      |
| R 1469 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16 102JATP | J24185102 |           | 1-   | A    | C2      |

# MAIN Unit

## Parts List

| REF    | DESCRIPTION     | VALUE     | V/W   | TOL. | MFR'S DESIG      | YAESU P/N | VERS.     | LOT  | SIDE | LAY ADR |
|--------|-----------------|-----------|-------|------|------------------|-----------|-----------|------|------|---------|
| R 1470 | CHIP RES.       | 1k        | 1/16W | 5%   | RMC1/16 102JATP  | J24185102 |           | 1-   | A    | C2      |
| R 1471 | CHIP RES.       | 1k        | 1/16W | 5%   | RMC1/16 102JATP  | J24185102 |           | 1-   | A    | C2      |
| R 1472 | CHIP RES.       | 4.7k      | 1/16W | 5%   | RMC1/16S 472JTH  | J24189033 |           | 1-   | A    | C2      |
| R 1473 | CHIP RES.       | 4.7k      | 1/16W | 5%   | RMC1/16S 472JTH  | J24189033 |           | 1-   | A    | C2      |
| R 1474 | CHIP RES.       | 220       | 1/2W  | 5%   | RMC1/2 221JCTP   | J24275221 |           | 1-   | A    | C3      |
| R 1475 | CHIP RES.       | 4.7k      | 1/16W | 5%   | RMC1/16S 472JTH  | J24189033 |           | 1-   | A    | C2      |
| R 1476 | CHIP RES.       | 100       | 1/16W | 5%   | RMC1/16S 101JTH  | J24189013 |           | 1-   | A    | C3      |
| R 1477 | CHIP RES.       | 33        | 1W    | 5%   | RMC1 330JTE      | J24305330 |           | 1-   | A    | G2      |
| R 1478 | CHIP RES.       | 33        | 1W    | 5%   | RMC1 330JTE      | J24305330 |           | 1-   | A    | G3      |
| R 1479 | CHIP RES.       | 10k       | 1/16W | 5%   | RMC1/16S 103JTH  | J24189037 |           | 1-   | B    | b1      |
| R 1480 | CHIP RES.       | 10k       | 1/16W | 5%   | RMC1/16S 103JTH  | J24189037 |           | 1-   | B    | b1      |
| R 1481 | CHIP RES.       | 33k       | 1/16W | 5%   | RMC1/16S 333JTH  | J24189043 |           | 1-   | B    | c2      |
| R 1482 | CHIP RES.       | 10k       | 1/16W | 5%   | RMC1/16S 103JTH  | J24189037 |           | 1-   | B    | b1      |
| R 1483 | CHIP RES.       | 10k       | 1/16W | 5%   | RMC1/16S 103JTH  | J24189037 |           | 1-   | B    | b1      |
| R 1484 | CHIP RES.       | 10        | 1/2W  | 5%   | RMC1/2 100JCTP   | J24275100 |           | 1-   | A    | E3      |
| R 1485 | CHIP RES.       | 18        | 1W    | 5%   | RMC1 180JTE      | J24305180 |           | 1-   | A    | F3      |
| R 1486 | CHIP RES.       | 18        | 1W    | 5%   | RMC1 180JTE      | J24305180 |           | 1-   | A    | F3      |
| R 1487 | CHIP RES.       | 10k       | 1/16W | 5%   | RMC1/16S 103JTH  | J24189037 |           | 1-   | B    | c3      |
| R 1488 | CHIP RES.       | 10k       | 1/16W | 5%   | RMC1/16S 103JTH  | J24189037 |           | 1-   | B    | c2      |
| R 1489 | CHIP RES.       | 10k       | 1/16W | 5%   | RMC1/16S 103JTH  | J24189037 |           | 1-   | B    | c2      |
| R 1490 | CHIP RES.       | 10k       | 1/16W | 5%   | RMC1/16S 103JTH  | J24189037 |           | 1-   | A    | G3      |
| R 1491 | CHIP RES.       | 4.7k      | 1/16W | 5%   | RMC1/16S 472JTH  | J24189033 |           | 1-   | B    | b2      |
| R 1492 | CHIP RES.       | 0         | 1/16W | 5%   | RMC1/16S JPTH    | J24189070 |           | 1-   | B    | e7      |
| R 1493 | CHIP RES.       | 0         | 1/16W | 5%   | RMC1/16S JPTH    | J24189070 |           | 1-   | B    | e6      |
| R 1495 | CHIP RES.       | 100k      | 1/16W | 5%   | RMC1/16S 104JTH  | J24189049 |           | 1-   | B    | g6      |
| R 1496 | CHIP RES.       | 470       | 1/16W | 5%   | RMC1/16S 471JTH  | J24189021 |           | 1-   | A    | D5      |
| R 1497 | CHIP RES.       | 68k       | 1/16W | 5%   | RMC1/16S 683JTH  | J24189047 |           | 1-   | A    | D4      |
| R 1498 | CHIP RES.       | 33k       | 1/16W | 5%   | RMC1/16S 333JTH  | J24189043 | USA       | 1-   | A    | A5      |
| R 1499 | CHIP RES.       | 1M        | 1/16W | 5%   | RMC1/16S 105JTH  | J24189061 |           | 1-   | B    | h3      |
| R 1500 | CHIP RES.       | 1k        | 1/16W | 5%   | RMC1/16S 102JTH  | J24189025 |           | 1-   | B    | g7      |
| R 1504 | CHIP RES.       | 47        | 1/16W | 5%   | RMC1/16S 470JTH  | J24189009 |           | 1-   | B    | c3      |
| R 1505 | CHIP RES.       | 1M        | 1/16W | 5%   | RMC1/16S 105JTH  | J24189061 |           | 1-   | A    | F3      |
| R 1506 | CHIP RES.       | 100       | 1/16W | 5%   | RMC1/16S 101JTH  | J24189013 |           | 1-   | A    | H5      |
| R 1508 | CHIP RES.       | 100       | 1/16W | 5%   | RMC1/16S 101JTH  | J24189013 |           | 1-   | A    | A3      |
| R 1509 | CHIP RES.       | 270k      | 1/16W | 5%   | RMC1/16S 274JTH  | J24189054 | AUSTRALIA | 1-   |      |         |
| R 1509 | CHIP RES.       | 270k      | 1/16W | 5%   | RMC1/16S 274JTH  | J24189054 | EXPORT    | 1-   |      |         |
| R 1510 | CHIP RES.       | 82k       | 1/16W | 5%   | RMC1/16S 823JTH  | J24189048 | AUSTRALIA | 1-   |      |         |
| R 1510 | CHIP RES.       | 82k       | 1/16W | 5%   | RMC1/16S 823JTH  | J24189048 | EXPORT    | 1-   |      |         |
| R 1511 | CHIP RES.       | 39k       | 1/16W | 5%   | RMC1/16S 393JTH  | J24189044 |           | 8-   | B    | e6      |
| R 1512 | CHIP RES.       | 0         | 1/16W | 5%   | RMC1/16 000JATP  | J24185000 | AUSTRALIA | 92-  | B    | h4      |
| R 1512 | CHIP RES.       | 0         | 1/16W | 5%   | RMC1/16 000JATP  | J24185000 | EXPORT    | 92-  | B    | h4      |
| R 1512 | CHIP RES.       | 0         | 1/16W | 5%   | RMC1/16 000JATP  | J24185000 | USA       | 92-  | B    | h4      |
| R 1513 | CHIP RES.       | 0         | 1/16W | 5%   | RMC1/16S JPTH    | J24189070 |           | 116- | A    | C6      |
| TH1001 | THERMISTOR      |           |       |      | TBPS1R103K440H5Q | G9090067  |           | 1-   | A    | C4      |
| TH1002 | THERMISTOR      |           |       |      | TBPS1R103K440H5Q | G9090067  |           | 1-   | B    | f6      |
| TH1003 | THERMISTOR      |           |       |      | TBPS1R473K475H5Q | G9090068  |           | 1-   | B    | f6      |
| X 1001 | XTAL CSA-310    | 3.6864MHZ |       |      | 3.6864MHZ        | H0102988  |           | 1-   | A    | B6      |
| X 1002 | XTAL TSS-5032A  | 11.15MHZ  |       |      | 11.15MHZ         | H0103268  |           | 1-   | B    | f6      |
| XF1001 | XTAL FILTER     |           |       |      | MFT45R6 45.05MHZ | H1102351  |           | 1-   | A    | F6      |
|        | SHIELD CASE VCO |           |       |      |                  | RA0272500 |           | 1-   |      |         |
|        | SHIELD CASE VCO |           |       |      |                  | RA027250A |           | 99-  |      |         |

***MAIN Unit***

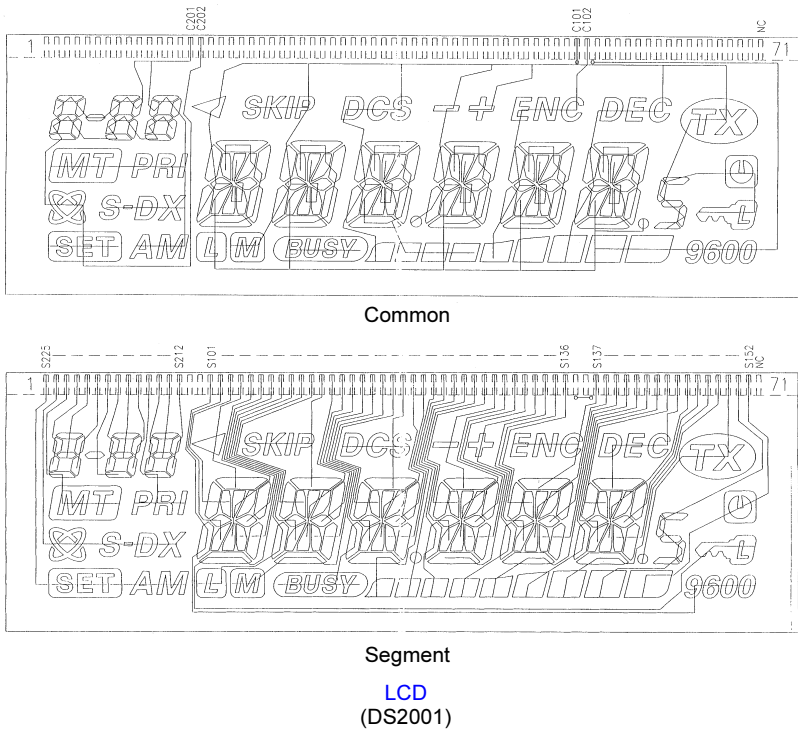
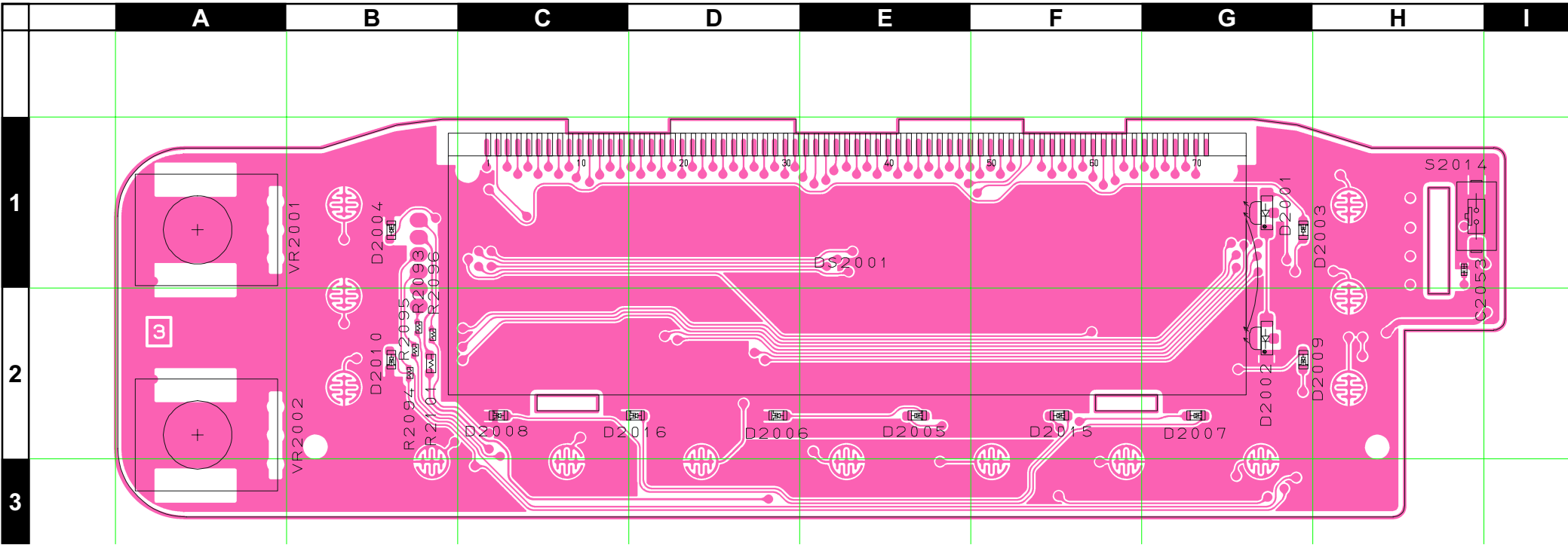
*Note*



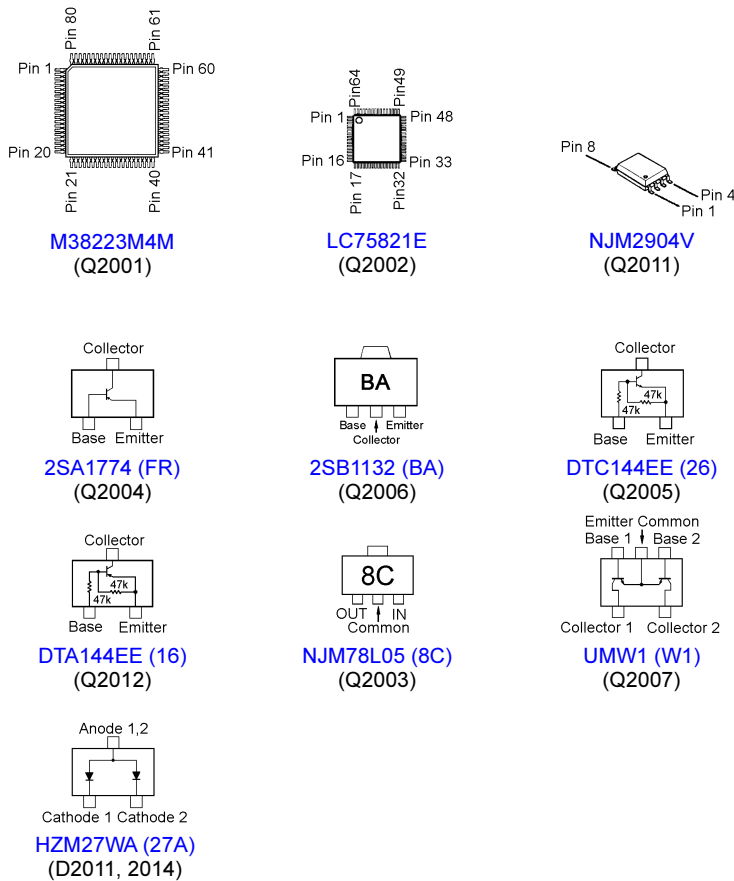
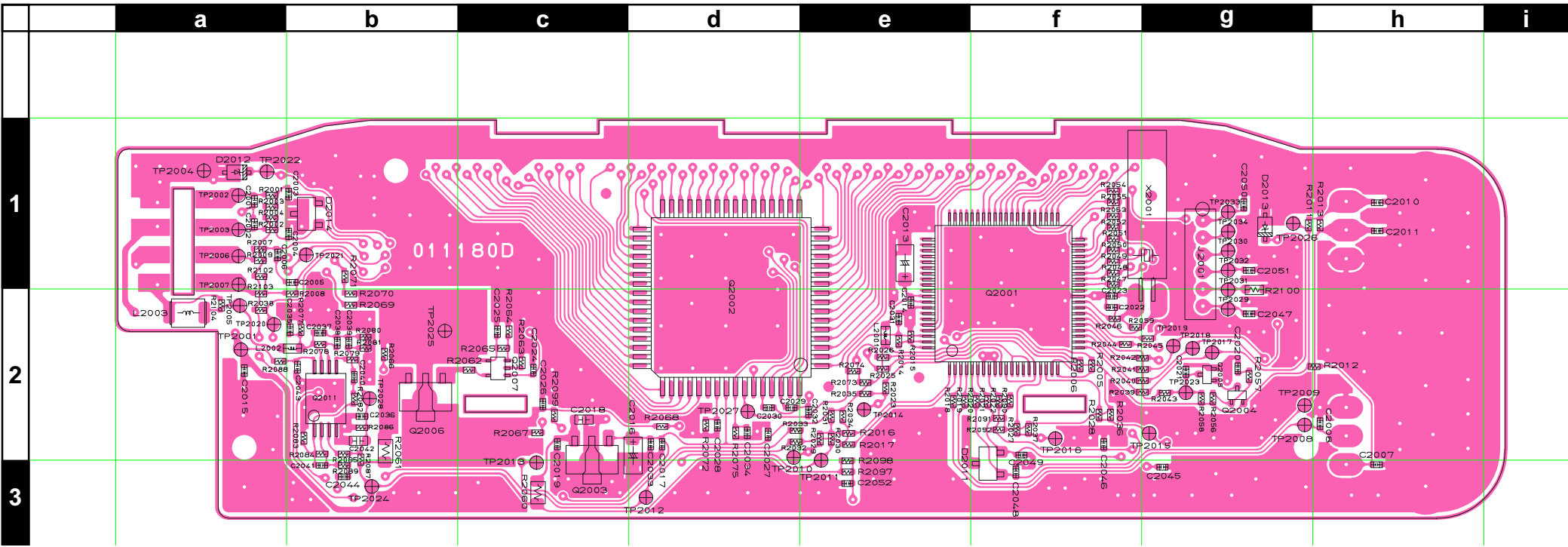


## PANEL Unit

### Parts Layout (Side A)



### Parts Layout (Side B)



# PANEL Unit

## Parts List

| REF                 | DESCRIPTION  | VALUE    | V/W  | TOL. | MFR'S DESIG          | YAESU P/N                                                                               | VERS.                                                         | LOT  | SIDE | LAY ADR |
|---------------------|--------------|----------|------|------|----------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------|------|------|---------|
| PCB with Components |              |          |      |      |                      | CB2349006<br>CB2349008<br>CB2349009<br>CB2349011<br>CB2349012<br>CB2349013<br>CB2349014 | CE: B<br>USA: A<br>EXP: A<br>USA: C<br>EXP: C<br>CE: D<br>AUS |      |      |         |
| C 2001              | CHIP CAP.    | 47pF     | 50V  | CH   | GRM1552C1H470JZ01D   | K22178228                                                                               |                                                               | 1-   | B    | a1      |
| C 2002              | CHIP CAP.    | 47pF     | 50V  | CH   | GRM1552C1H470JZ01D   | K22178228                                                                               |                                                               | 1-   | B    | a1      |
| C 2003              | CHIP CAP.    | 47pF     | 50V  | CH   | GRM1552C1H470JZ01D   | K22178228                                                                               |                                                               | 1-   | B    | a1      |
| C 2004              | CHIP CAP.    | 47pF     | 50V  | CH   | GRM1552C1H470JZ01D   | K22178228                                                                               |                                                               | 1-   | B    | a1      |
| C 2005              | CHIP CAP.    | 0.015uF  | 16V  | B    | GRM155B11C153KA01D   | K22128807                                                                               |                                                               | 1-   | B    | b1      |
| C 2006              | CHIP CAP.    | 0.015uF  | 16V  | B    | GRM155B11C153KA01D   | K22128807                                                                               |                                                               | 1-   | B    | a1      |
| C 2007              | CHIP CAP.    | 0.01uF   | 25V  | B    | GRM155B11E103KA01D   | K22148834                                                                               |                                                               | 1-   | B    | h3      |
| C 2008              | CHIP CAP.    | 0.01uF   | 25V  | B    | GRM155B11E103KA01D   | K22148834                                                                               |                                                               | 1-   | B    | h2      |
| C 2010              | CHIP CAP.    | 0.01uF   | 25V  | B    | GRM155B11E103KA01D   | K22148834                                                                               |                                                               | 1-   | B    | h1      |
| C 2011              | CHIP CAP.    | 0.01uF   | 25V  | B    | GRM155B11E103KA01D   | K22148834                                                                               |                                                               | 1-   | B    | h1      |
| C 2013              | CHIP TA.CAP. | 10uF     | 6.3V |      | TEESVA0J106M8R       | K78080027                                                                               |                                                               | 1-   | B    | e1      |
| C 2013              | CHIP TA.CAP. | 10uF     | 6.3V |      | TPSA106M006R1500     | K78080135                                                                               |                                                               | 142- | B    | e1      |
| C 2014              | CHIP CAP.    | 0.01uF   | 25V  | B    | GRM155B11E103KA01D   | K22148834                                                                               |                                                               | 1-   | B    | e2      |
| C 2015              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | a2      |
| C 2016              | CHIP TA.CAP. | 10uF     | 6.3V |      | TEESVA0J106M8R       | K78080027                                                                               |                                                               | 1-   | B    | d2      |
| C 2016              | CHIP TA.CAP. | 10uF     | 6.3V |      | TPSA106M006R1500     | K78080135                                                                               |                                                               | 142- | B    | d2      |
| C 2017              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | d2      |
| C 2018              | CHIP CAP.    | 1uF      | 10V  | F    | GRM188F11A105ZA01D   | K22105001                                                                               |                                                               | 1-   | B    | c2      |
| C 2019              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | c2      |
| C 2020              | CHIP CAP.    | 0.1uF    | 10V  | B    | GRM155B11A104KA01D   | K22108802                                                                               |                                                               | 1-   | B    | g2      |
| C 2021              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | g2      |
| C 2022              | CHIP CAP.    | 39pF     | 50V  | CH   | GRM1552C1H390JZ01D   | K22178226                                                                               |                                                               | 1-   | B    | f2      |
| C 2023              | CHIP CAP.    | 39pF     | 50V  | CH   | GRM1552C1H390JZ01D   | K22178226                                                                               |                                                               | 1-   | B    | f2      |
| C 2024              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | c2      |
| C 2025              | CHIP CAP.    | 0.1uF    | 10V  | B    | GRM155B11A104KA01D   | K22108802                                                                               |                                                               | 1-   | B    | c2      |
| C 2026              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | c2      |
| C 2027              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | d2      |
| C 2028              | CHIP CAP.    | 680pF    | 50V  | B    | GRM155B11H681KA01D   | K22178807                                                                               |                                                               | 1-   | B    | d2      |
| C 2029              | CHIP CAP.    | 100pF    | 50V  | CH   | GRM1552C1H101JD01D   | K22178236                                                                               |                                                               | 1-   | B    | d2      |
| C 2030              | CHIP CAP.    | 100pF    | 50V  | CH   | GRM1552C1H101JD01D   | K22178236                                                                               |                                                               | 1-   | B    | d2      |
| C 2031              | CHIP CAP.    | 0.01uF   | 25V  | B    | GRM155B11E103KA01D   | K22148834                                                                               |                                                               | 1-   | B    | e2      |
| C 2032              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | e2      |
| C 2033              | CHIP CAP.    | 0.01uF   | 25V  | B    | GRM155B11E103KA01D   | K22148834                                                                               |                                                               | 1-   | B    | d2      |
| C 2034              | CHIP CAP.    | 100pF    | 50V  | CH   | GRM1552C1H101JD01D   | K22178236                                                                               |                                                               | 1-   | B    | d2      |
| C 2035              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | a2      |
| C 2036              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | b2      |
| C 2037              | CHIP CAP.    | 470pF    | 50V  | B    | GRM155B11H471KA01D   | K22178805                                                                               |                                                               | 1-   | B    | b2      |
| C 2038              | CHIP CAP.    | 0.022uF  | 16V  | B    | GRM155B11C223KA01D   | K22128806                                                                               |                                                               | 1-   | B    | b2      |
| C 2039              | CHIP CAP.    | 0.022uF  | 16V  | B    | GRM155B11C223KA01D   | K22128806                                                                               |                                                               | 1-   | B    | b2      |
| C 2040              | CHIP CAP.    | 0.01uF   | 25V  | B    | GRM155B11E103KA01D   | K22148834                                                                               |                                                               | 1-   | B    | b2      |
| C 2041              | CHIP CAP.    | 15pF     | 50V  | CH   | GRM1552C1H150JZ01D   | K22178216                                                                               |                                                               | 1-   | B    | b3      |
| C 2042              | CHIP CAP.    | 1uF      | 10V  | F    | GRM188F11A105ZA01D   | K22105001                                                                               |                                                               | 1-   | B    | b2      |
| C 2043              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | b2      |
| C 2044              | CHIP CAP.    | 0.0056uF | 25V  | B    | GRM155B11E562KA01D   | K22148802                                                                               |                                                               | 1-   | B    | b3      |
| C 2047              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | g2      |
| C 2050              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | g1      |
| C 2051              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | g1      |
| C 2052              | CHIP CAP.    | 0.001uF  | 50V  | B    | GRM155B11H102KA01D   | K22178809                                                                               |                                                               | 1-   | B    | e3      |
| C 2053              | CHIP CAP.    | 100pF    | 50V  | CH   | GRM1552C1H101JD01D   | K22178236                                                                               | W/ CE                                                         | 1-   | A    | H1      |
| D 2001              | LED          |          |      |      | MA10-1104Q7NC-WK     | G2070878                                                                                |                                                               | 1-   | A    | G1      |
| D 2002              | LED          |          |      |      | MA10-1104Q7NC-WK     | G2070878                                                                                |                                                               | 1-   | A    | G2      |
| D 2003              | LED          |          |      |      | 19-213/S2C-AN1P2B/3T | G2071096                                                                                |                                                               | 1-   | A    | G1      |
| D 2004              | LED          |          |      |      | 19-213/S2C-AN1P2B/3T | G2071096                                                                                |                                                               | 1-   | A    | B1      |
| D 2005              | LED          |          |      |      | 19-213/S2C-AN1P2B/3T | G2071096                                                                                |                                                               | 1-   | A    | E2      |
| D 2006              | LED          |          |      |      | 19-213/S2C-AN1P2B/3T | G2071096                                                                                |                                                               | 1-   | A    | D2      |
| D 2007              | LED          |          |      |      | 19-213/S2C-AN1P2B/3T | G2071096                                                                                |                                                               | 1-   | A    | G2      |
| D 2008              | LED          |          |      |      | 19-213/S2C-AN1P2B/3T | G2071096                                                                                |                                                               | 1-   | A    | C2      |
| D 2009              | LED          |          |      |      | 19-213/S2C-AN1P2B/3T | G2071096                                                                                |                                                               | 1-   | A    | G2      |
| D 2010              | LED          |          |      |      | 19-213/S2C-AN1P2B/3T | G2071096                                                                                |                                                               | 1-   | A    | B2      |
| D 2011              | DIODE        |          |      |      | HZM27WA TR-E         | G2070530                                                                                |                                                               | 1-   | B    | f3      |
| D 2012              | DIODE        |          |      |      | UDZS TE-17 6.8B      | G2070888                                                                                |                                                               | 1-   | B    | a1      |
| D 2013              | DIODE        |          |      |      | UDZS TE-17 6.8B      | G2070888                                                                                |                                                               | 1-   | B    | g1      |
| D 2014              | DIODE        |          |      |      | HZM27WA TR-E         | G2070530                                                                                |                                                               | 1-   | B    | b1      |

# PANEL Unit

## Parts List

| REF    | DESCRIPTION | VALUE | V/W   | TOL. | MFR'S DESIG          | YAESU P/N | VERS.  | LOT  | SIDE | LAY ADR |
|--------|-------------|-------|-------|------|----------------------|-----------|--------|------|------|---------|
| D 2015 | LED         |       |       |      | 19-213/S2C-AN1P2B/3T | G2071096  |        | 1-   | A    | F2      |
| D 2016 | LED         |       |       |      | 19-213/S2C-AN1P2B/3T | G2071096  |        | 1-   | A    | D2      |
| DS2001 | LCD         |       |       |      | 070520               | G6090155  |        | 1-   | A    | E1      |
| L 2001 | M.RFC       | 1uH   |       |      | LK1608 1R0K-T        | L1690687  |        | 1-   | B    | e2      |
| L 2002 | M.RFC       | 2.2uH |       |      | LK1608 2R2K-T        | L1690634  |        | 1-   | B    | b2      |
| L 2003 | M.RFC       | 470uH |       |      | FLC32T-471J          | L1690235  | W/O CE | 98-  | B    | a2      |
| L 2003 | M.RFC       | 100uH |       |      | FLC32T-101J          | L1690227  | W/ CE  | 1-97 | B    | a2      |
| P 2000 | WIRE ASSY   |       |       |      | AH016M               | T9207057  |        | 1-   |      |         |
| Q 2001 | IC          |       |       |      | M38223M4M-366HP      | G1093984  |        | 1-   | B    | f2      |
| Q 2001 | IC          |       |       |      | M38234G4HP R0825     | G1094828  |        | 117- | B    | f2      |
| Q 2002 | IC          |       |       |      | LC75821E             | G1092191  |        | 1-   | B    | d2      |
| Q 2003 | IC          |       |       |      | NJM78L05UA-TE1       | G1091325  |        | 1-   | B    | c2      |
| Q 2004 | TRANSISTOR  |       |       |      | 2SA1774 TL R         | G3117748R |        | 1-   | B    | g2      |
| Q 2005 | TRANSISTOR  |       |       |      | DTC144EE TL          | G3070075  |        | 1-   | B    | g2      |
| Q 2006 | TRANSISTOR  |       |       |      | 2SB1132 T100 Q       | G3211327Q |        | 1-   | B    | b2      |
| Q 2007 | TRANSISTOR  |       |       |      | UMW1 TR              | G3070078  |        | 1-   | B    | c2      |
| Q 2011 | IC          |       |       |      | NJM2904V-TE1         | G1091677  |        | 1-   | B    | b2      |
| R 2001 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | a1      |
| R 2002 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | a1      |
| R 2003 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH      | J24189049 |        | 1-   | B    | a1      |
| R 2004 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH      | J24189049 |        | 1-   | B    | a1      |
| R 2005 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f2      |
| R 2006 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f2      |
| R 2007 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH      | J24189049 |        | 1-   | B    | a1      |
| R 2008 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH      | J24189049 |        | 1-   | B    | b2      |
| R 2009 | CHIP RES.   | 10k   | 1/16W | 5%   | RMC1/16S 103JTH      | J24189037 |        | 1-   | B    | a1      |
| R 2011 | CHIP RES.   | 10    | 1/16W | 5%   | RMC1/16S 100JTH      | J24189001 |        | 1-   | B    | g1      |
| R 2012 | CHIP RES.   | 10    | 1/16W | 5%   | RMC1/16S 100JTH      | J24189001 |        | 1-   | B    | g2      |
| R 2013 | CHIP RES.   | 2.2k  | 1/16W | 5%   | RMC1/16S 222JTH      | J24189029 |        | 1-   | B    | h1      |
| R 2014 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | e2      |
| R 2015 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | e2      |
| R 2016 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | e2      |
| R 2017 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | e2      |
| R 2018 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | e2      |
| R 2019 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | e2      |
| R 2020 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f2      |
| R 2021 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f2      |
| R 2022 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f2      |
| R 2023 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | e2      |
| R 2025 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | e2      |
| R 2026 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | e2      |
| R 2027 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f2      |
| R 2028 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f2      |
| R 2029 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH      | J24189053 |        | 1-   | B    | e2      |
| R 2030 | CHIP RES.   | 33k   | 1/16W | 5%   | RMC1/16S 333JTH      | J24189043 |        | 1-   | B    | e2      |
| R 2031 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH      | J24189049 |        | 1-   | B    | e2      |
| R 2032 | CHIP RES.   | 220k  | 1/16W | 5%   | RMC1/16S 224JTH      | J24189053 |        | 1-   | B    | d2      |
| R 2033 | CHIP RES.   | 33k   | 1/16W | 5%   | RMC1/16S 333JTH      | J24189043 |        | 1-   | B    | d2      |
| R 2034 | CHIP RES.   | 100k  | 1/16W | 5%   | RMC1/16S 104JTH      | J24189049 |        | 1-   | B    | e2      |
| R 2035 | CHIP RES.   | 68k   | 1/16W | 5%   | RMC1/16S 683JTH      | J24189047 |        | 1-   | B    | e2      |
| R 2036 | CHIP RES.   | 68k   | 1/16W | 5%   | RMC1/16S 683JTH      | J24189047 |        | 1-   | B    | f2      |
| R 2037 | CHIP RES.   | 68k   | 1/16W | 5%   | RMC1/16S 683JTH      | J24189047 |        | 1-   | B    | f2      |
| R 2038 | CHIP RES.   | 68k   | 1/16W | 5%   | RMC1/16S 683JTH      | J24189047 |        | 1-   | B    | a2      |
| R 2039 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f2      |
| R 2040 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f2      |
| R 2041 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f2      |
| R 2042 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f2      |
| R 2043 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | g2      |
| R 2044 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f2      |
| R 2045 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | g2      |
| R 2046 | CHIP RES.   | 470   | 1/16W | 5%   | RMC1/16S 471JTH      | J24189021 |        | 1-   | B    | f2      |
| R 2047 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f1      |
| R 2048 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f1      |
| R 2049 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f1      |
| R 2050 | CHIP RES.   | 1k    | 1/16W | 5%   | RMC1/16S 102JTH      | J24189025 |        | 1-   | B    | f1      |
| R 2051 | CHIP RES.   | 10k   | 1/16W | 0.5% | RR0510P-103-D        | J24189143 |        | 1-   | B    | f1      |
| R 2052 | CHIP RES.   | 20k   | 1/16W | 0.5% | RR0510R-203-D        | J24189150 |        | 1-   | B    | f1      |
| R 2053 | CHIP RES.   | 39k   | 1/16W | 0.5% | RR0510R-393-D        | J24189157 |        | 1-   | B    | f1      |
| R 2054 | CHIP RES.   | 82k   | 1/16W | 0.5% | RR0510R-823-D        | J24189165 |        | 1-   | B    | f1      |
| R 2055 | CHIP RES.   | 150k  | 1/16W | 5%   | RMC1/16S 154JTH      | J24189051 |        | 1-   | B    | f1      |

# PANEL Unit

## Parts List

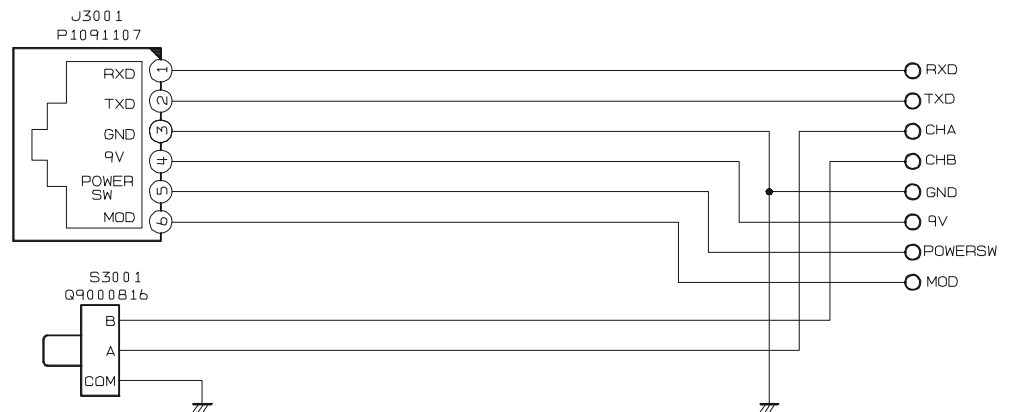
| REF    | DESCRIPTION                                                                                     | VALUE     | V/W   | TOL. | MFR'S DESIG       | YAESU P/N                                                                  | VERS.                      | LOT                              | SIDE | LAY ADR |
|--------|-------------------------------------------------------------------------------------------------|-----------|-------|------|-------------------|----------------------------------------------------------------------------|----------------------------|----------------------------------|------|---------|
| R 2056 | CHIP RES.                                                                                       | 100k      | 1/16W | 5%   | RMC1/16S 104JTH   | J24189049                                                                  | AUSTRALIA<br>EXPORT<br>USA | 1-                               | B    | g2      |
| R 2057 | CHIP RES.                                                                                       | 47k       | 1/16W | 5%   | RMC1/16S 473JTH   | J24189045                                                                  |                            | 1-                               | B    | g2      |
| R 2058 | CHIP RES.                                                                                       | 47k       | 1/16W | 5%   | RMC1/16S 473JTH   | J24189045                                                                  |                            | 1-                               | B    | g2      |
| R 2059 | CHIP RES.                                                                                       | 1M        | 1/16W | 5%   | RMC1/16S 105JTH   | J24189061                                                                  |                            | 1-                               | B    | f2      |
| R 2060 | CHIP RES.                                                                                       | 10        | 1/10W | 5%   | RMC1/10T 100J     | J24205100                                                                  |                            | 1-                               | B    | c3      |
| R 2061 | CHIP RES.                                                                                       | 10        | 1/10W | 5%   | RMC1/10T 100J     | J24205100                                                                  |                            | 1-                               | B    | b2      |
| R 2062 | CHIP RES.                                                                                       | 2.2k      | 1/16W | 5%   | RMC1/16S 222JTH   | J24189029                                                                  |                            | 1-                               | B    | c2      |
| R 2063 | CHIP RES.                                                                                       | 2.2k      | 1/16W | 5%   | RMC1/16S 222JTH   | J24189029                                                                  |                            | 1-                               | B    | c2      |
| R 2064 | CHIP RES.                                                                                       | 22k       | 1/16W | 5%   | RMC1/16S 223JTH   | J24189041                                                                  |                            | 1-                               | B    | c2      |
| R 2065 | CHIP RES.                                                                                       | 22k       | 1/16W | 5%   | RMC1/16S 223JTH   | J24189041                                                                  |                            | 1-                               | B    | c2      |
| R 2066 | CHIP RES.                                                                                       | 390       | 1/16W | 5%   | RMC1/16S 391JTH   | J24189020                                                                  |                            | 1-                               | B    | b2      |
| R 2067 | CHIP RES.                                                                                       | 270       | 1/16W | 5%   | RMC1/16S 271JTH   | J24189018                                                                  |                            | 1-                               | B    | c2      |
| R 2068 | CHIP RES.                                                                                       | 330       | 1/16W | 5%   | RMC1/16S 331JTH   | J24189019                                                                  |                            | 1-                               | B    | d2      |
| R 2069 | CHIP RES.                                                                                       | 220       | 1/16W | 5%   | RMC1/16S 221JTH   | J24189017                                                                  |                            | 1-                               | B    | b2      |
| R 2070 | CHIP RES.                                                                                       | 82        | 1/16W | 5%   | RMC1/16S 820JTH   | J24189012                                                                  |                            | 1-                               | B    | b2      |
| R 2071 | CHIP RES.                                                                                       | 82        | 1/16W | 5%   | RMC1/16S 820JTH   | J24189012                                                                  |                            | 1-                               | B    | b1      |
| R 2072 | CHIP RES.                                                                                       | 56k       | 1/16W | 5%   | RMC1/16S 563JTH   | J24189046                                                                  |                            | 1-                               | B    | d2      |
| R 2073 | CHIP RES.                                                                                       | 820       | 1/16W | 5%   | RMC1/16S 821JTH   | J24189024                                                                  |                            | 1-                               | B    | e2      |
| R 2074 | CHIP RES.                                                                                       | 47        | 1/16W | 5%   | RMC1/16S 470JTH   | J24189009                                                                  |                            | 1-                               | B    | e2      |
| R 2075 | CHIP RES.                                                                                       | 100k      | 1/16W | 5%   | RMC1/16S 104JTH   | J24189049                                                                  |                            | 1-                               | B    | d2      |
| R 2077 | CHIP RES.                                                                                       | 4.7k      | 1/16W | 5%   | RMC1/16S 472JTH   | J24189033                                                                  |                            | 1-                               | B    | b2      |
| R 2078 | CHIP RES.                                                                                       | 2.2M      | 1/16W | 5%   | RMC1/16S 225JTH   | J24189065                                                                  |                            | 1-                               | B    | b2      |
| R 2079 | CHIP RES.                                                                                       | 100k      | 1/16W | 5%   | RMC1/16S 104JTH   | J24189049                                                                  |                            | 1-                               | B    | b2      |
| R 2080 | CHIP RES.                                                                                       | 15k       | 1/16W | 5%   | RMC1/16S 153JTH   | J24189039                                                                  |                            | 1-                               | B    | b2      |
| R 2081 | CHIP RES.                                                                                       | 10k       | 1/16W | 5%   | RMC1/16S 103JTH   | J24189037                                                                  |                            | 1-                               | B    | b2      |
| R 2082 | CHIP RES.                                                                                       | 1k        | 1/16W | 5%   | RMC1/16S 102JTH   | J24189025                                                                  |                            | 1-                               | B    | b2      |
| R 2083 | CHIP RES.                                                                                       | 4.7k      | 1/16W | 5%   | RMC1/16S 472JTH   | J24189033                                                                  |                            | 1-                               | B    | b2      |
| R 2084 | CHIP RES.                                                                                       | 150k      | 1/16W | 5%   | RMC1/16S 154JTH   | J24189051                                                                  |                            | 1-                               | B    | b2      |
| R 2084 | CHIP RES.                                                                                       | 150k      | 1/16W | 5%   | RMC1/16S 154JTH   | J24189051                                                                  |                            | 1-                               | B    | b2      |
| R 2084 | CHIP RES.                                                                                       | 100k      | 1/16W | 5%   | RMC1/16S 104JTH   | J24189049                                                                  |                            | 1-                               | B    | b2      |
| R 2085 | CHIP RES.                                                                                       | 100k      | 1/16W | 5%   | RMC1/16S 104JTH   | J24189049                                                                  |                            | 1-                               | B    | b2      |
| R 2086 | CHIP RES.                                                                                       | 33k       | 1/16W | 5%   | RMC1/16S 333JTH   | J24189043                                                                  |                            | 1-                               | B    | b2      |
| R 2087 | CHIP RES.                                                                                       | 47k       | 1/16W | 5%   | RMC1/16S 473JTH   | J24189045                                                                  |                            | 1-                               | B    | b2      |
| R 2088 | CHIP RES.                                                                                       | 100       | 1/16W | 5%   | RMC1/16S 101JTH   | J24189013                                                                  |                            | 1-                               | B    | a2      |
| R 2089 | CHIP RES.                                                                                       | 10k       | 1/16W | 5%   | RMC1/16S 103JTH   | J24189037                                                                  |                            | 1-                               | B    | b3      |
| R 2090 | CHIP RES.                                                                                       | 100k      | 1/16W | 5%   | RMC1/16S 104JTH   | J24189049                                                                  |                            | 1-                               | B    | f2      |
| R 2091 | CHIP RES.                                                                                       | 100k      | 1/16W | 5%   | RMC1/16S 104JTH   | J24189049                                                                  |                            | 1-                               | B    | f2      |
| R 2092 | CHIP RES.                                                                                       | 100k      | 1/16W | 5%   | RMC1/16S 104JTH   | J24189049                                                                  |                            | 1-                               | B    | f2      |
| R 2093 | CHIP RES.                                                                                       | 1k        | 1/16W | 5%   | RMC1/16S 102JTH   | J24189025                                                                  |                            | 1-                               | A    | B2      |
| R 2094 | CHIP RES.                                                                                       | 0         | 1/16W | 5%   | RMC1/16S JPTH     | J24189070                                                                  |                            | 1-                               | A    | B2      |
| R 2095 | CHIP RES.                                                                                       | 1k        | 1/16W | 5%   | RMC1/16S 102JTH   | J24189025                                                                  |                            | 1-                               | A    | B2      |
| R 2096 | CHIP RES.                                                                                       | 1k        | 1/16W | 5%   | RMC1/16S 102JTH   | J24189025                                                                  |                            | 1-                               | A    | B2      |
| R 2097 | CHIP RES.                                                                                       | 22        | 1/16W | 5%   | RMC1/16S 220JTH   | J24189005                                                                  |                            | 1-                               | B    | e3      |
| R 2098 | CHIP RES.                                                                                       | 22        | 1/16W | 5%   | RMC1/16S 220JTH   | J24189005                                                                  |                            | 1-                               | B    | e2      |
| R 2099 | CHIP RES.                                                                                       | 390       | 1/16W | 5%   | RMC1/16S 391JTH   | J24189020                                                                  |                            | 1-                               | B    | c2      |
| R 2100 | CHIP RES.                                                                                       | 0         | 1/16W | 5%   | RMC1/16 000JATP   | J24185000                                                                  | W/O CE                     | 1-                               | B    | g1      |
| R 2101 | CHIP RES.                                                                                       | 0         | 1/16W | 5%   | RMC1/16 000JATP   | J24185000                                                                  |                            | 1-                               | A    | B2      |
| R 2102 | CHIP RES.                                                                                       | 10k       | 1/16W | 5%   | RMC1/16S 103JTH   | J24189037                                                                  |                            | 1-                               | B    | a1      |
| R 2103 | CHIP RES.                                                                                       | 0         | 1/16W | 5%   | RMC1/16S JPTH     | J24189070                                                                  |                            | 1-                               | B    | a2      |
| R 2104 | CHIP RES.                                                                                       | 0         | 1/16W | 5%   | RMC1/16S JPTH     | J24189070                                                                  |                            | 1-                               | B    | a2      |
| S 2014 | TACT SWITCH                                                                                     |           |       |      | SKQMAL            | N5090105                                                                   |                            | 1-                               | A    | H1      |
| S 2014 | TACT SWITCH                                                                                     |           |       |      | SKQMBBE010        | N5090164                                                                   |                            | 99-                              | A    | H1      |
| VR2001 | POT.                                                                                            |           |       |      | RK09D1130C2P 10KB | J60800268                                                                  |                            | 1-                               | A    | A1      |
| VR2002 | POT.                                                                                            |           |       |      | RK09D1130C2P 10KB | J60800268                                                                  |                            | 1-                               | A    | A2      |
| X 2001 | XTAL CSA-310                                                                                    | 3.6864MHz |       |      | 3.6864MHZ         | H0102988                                                                   |                            | 1-                               | B    | f2      |
|        | LCD HOLDER<br>INTER CONNECTOR<br>LIGHT GUIDE<br>DIFFUSER SHEET<br>REFLECTOR SHEET<br>LCD SPACER |           |       |      | (LCD)             | RA0540800<br>RA0540900<br>RA0540700<br>RA0551800<br>RA0551900<br>RA0552200 |                            | 1-<br>1-<br>1-<br>1-<br>1-<br>1- |      |         |

*PANEL Unit*

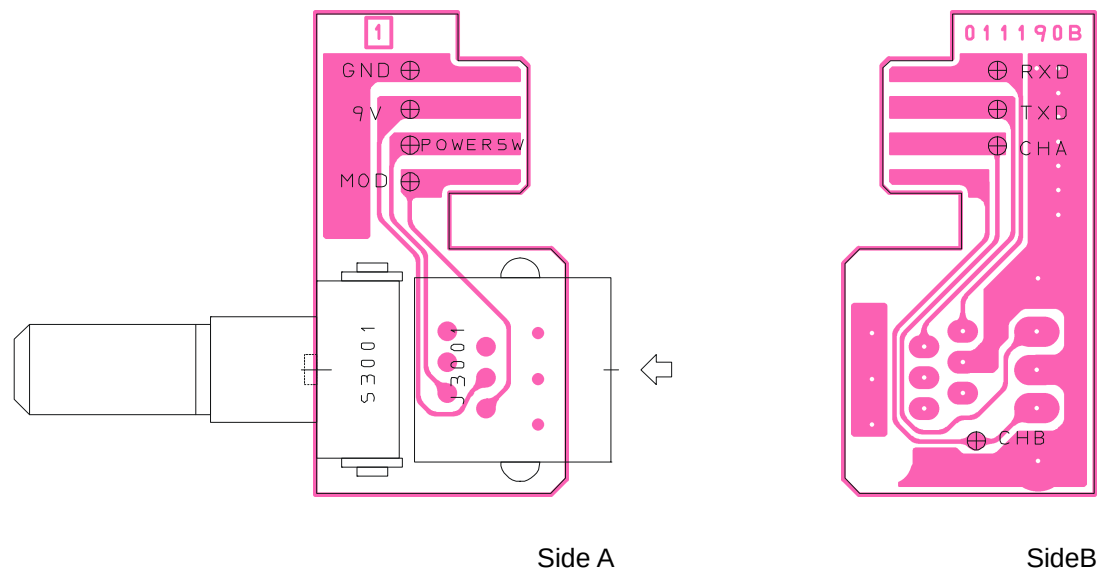
*Note*



## Circuit Diagram



## Parts Layout



## Parts List

| REF    | DESCRIPTION         | VALUE | V/W | TOL. | MFR'S DESIG    | YAESU P/N | VERS. | LOT | SIDE | LAY ADR |
|--------|---------------------|-------|-----|------|----------------|-----------|-------|-----|------|---------|
|        | PCB with Components |       |     |      |                | CB2350001 |       |     |      |         |
| J 3001 | CONNECTOR           |       |     |      | NTC-623PCBL6-B | P1091107  |       | 1-  |      |         |
| S 3001 | ROTARY ENCODER      |       |     |      | EC11B15202AA   | Q9000816  |       | 1-  |      |         |



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