



# SERVICE MANUAL

HF/50 MHz TRANSCEIVER

## IC-7300

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S-15218XZ-C1  
March 2016

Icom Inc.

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## INTRODUCTION

This service manual describes the latest technical information for the **IC-7300** HF/50 MHz TRANSCEIVER, at the time of publication.

| MODEL   | VERSION | VERSION NUMBER | OPERATABLE BANDS |
|---------|---------|----------------|------------------|
| IC-7300 | USA     | #02            | HF/50 MHz        |
|         | EUR     | #03            | HF/50/70 MHz     |
|         | ITR     | #05            |                  |
|         | ESP     | #06            |                  |
|         | TPE     | #07            | HF/50 MHz        |
|         | KOR     | #08            |                  |
|         | EXP     | #12            |                  |

To upgrade quality, any electrical or mechanical parts and internal circuits are subject to change without notice or obligation.

## SERVICE CAUTION

**NEVER** connect the transceiver to a DC power supply that uses more than the specified voltage. This will ruin the transceiver.

**DO NOT** expose the transceiver to rain, snow or liquids.

**DO NOT** reverse the polarities of the power supply when directly applying power to the transceiver/circuit.

**DO NOT** apply an RF signal of more than 20 dBm (100 mW) to the antenna connector. This could damage the transceiver's front-end.



## ORDERING PARTS

Be sure to include the following four points when ordering replacement parts:

1. 10-digit Icom part number
2. Component name
3. Equipment model name and unit name
4. Quantity required

### <ORDER EXAMPLE>

|            |              |         |           |          |
|------------|--------------|---------|-----------|----------|
| 1180004830 | XC6222A331MR | IC-7300 | MAIN UNIT | 5 pieces |
| 8110010940 | 3765 U-COVER | IC-7300 | CHASSIS   | 1 piece  |

Addresses are provided on the inside back cover for your convenience.

## REPAIR NOTES

1. Make sure that the problem is internal before disassembling the transceiver.
2. **DO NOT** open the transceiver until the transceiver is disconnected from its power source.
3. **DO NOT** force any of the variable components. Turn them slowly and smoothly.
4. **DO NOT** short any circuits or electronic parts. An insulated tuning tool **MUST** be used for all adjustments.
5. **DO NOT** keep power ON for a long time when the transceiver is defective.
6. **NEVER** directly transmit power into any test equipment such as Standard Signal Generator or a Sweep Generator, otherwise the RF power may damage them.
7. **ALWAYS** connect a 50 dB to 60 dB attenuator between the transceiver and such test equipment.
8. **READ** the instructions of the test equipment thoroughly before connecting it to the transceiver.

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**General**

- Frequency coverage (unit: MHz):

|             |                                    |
|-------------|------------------------------------|
| Receiver    | 0.030000~74.800000* <sup>1</sup>   |
| Transmitter | 1.800000~ 1.999999* <sup>2</sup>   |
|             | 3.500000~ 3.999999* <sup>2</sup>   |
|             | 5.255000~ 5.405000* <sup>2</sup>   |
|             | 7.000000~ 7.300000* <sup>2</sup>   |
|             | 10.100000~ 10.150000* <sup>2</sup> |
|             | 14.000000~ 14.350000* <sup>2</sup> |
|             | 18.068000~ 18.168000* <sup>2</sup> |
|             | 21.000000~ 21.450000* <sup>2</sup> |
|             | 24.890000~ 24.990000* <sup>2</sup> |
|             | 28.000000~ 29.700000* <sup>2</sup> |
|             | 50.000000~ 54.000000* <sup>2</sup> |
|             | 70.000000~ 70.500000* <sup>2</sup> |

\*<sup>1</sup> Some frequency ranges are not guaranteed.

\*<sup>2</sup> Depending on the transceiver version.

- Operating modes: USB/LSB (J3E), CW (A1A), RTTY (F1B), AM (A3E) and FM (F3E)
- Number of memory channels: 101 (including 2 scan edges)
- Antenna connector: SO-239 (antenna impedance: 50  $\Omega$  unbalanced)
- Power supply requirement: 13.8 V DC ( $\pm 15\%$ )
- Operating temperature range:  $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ ,  $+14^{\circ}\text{F}$  to  $+140^{\circ}\text{F}$
- Frequency stability: Less than  $\pm 0.5$  ppm ( $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ ,  $+14^{\circ}\text{F}$  to  $+140^{\circ}\text{F}$ )
- Frequency resolution: 1 Hz (minimum)
- Power consumption:
 

|          |               |        |
|----------|---------------|--------|
| Receive  | Standby       | 0.9 A  |
|          | Maximum audio | 1.25 A |
| Transmit | Maximum power | 21.0 A |
- Dimensions (projections not included): 240 (W) $\times$ 94 (H) $\times$ 238 (D) mm, 9.4 (W) $\times$ 3.7 (H) $\times$ 9.4 (D) in
- Weight (approximately): 4.2 kg, 9.3 lb

**Transmitter**

- Transmit output power:
 

|                           |          |
|---------------------------|----------|
| HF and 50 MHz bands       |          |
| SSB/CW/RTTY/FM            | 2~100 W  |
| AM                        | 1~25 W   |
| 70 MHz band* <sup>2</sup> |          |
| SSB/CW/RTTY/FM            | 2~50 W   |
| AM                        | 1~12.5 W |

\*<sup>2</sup> Depending on the transceiver version.
- Modulation system:
 

|     |                      |
|-----|----------------------|
| SSB | P.S.N. modulation    |
| AM  | Low power modulation |
| FM  | Reactance modulation |
- Spurious emission:
 

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Harmonics            | Less than $-50$ dB (1.8~28 MHz)                 |
|                      | Less than $-63$ dB (50 MHz band)                |
|                      | Less than $-60$ dB (70 MHz band* <sup>2</sup> ) |
| Out-of-band emission | Less than $-40$ dB (1.8~28 MHz)                 |
|                      | Less than $-60$ dB (50 MHz band)                |
|                      | Less than $-60$ dB (70 MHz band* <sup>2</sup> ) |

\*<sup>2</sup> Depending on the transceiver version.
- Carrier suppression: More than 50 dB
- Unwanted sideband suppression: More than 50 dB
- Input impedance (microphone): 600  $\Omega$



## Receiver

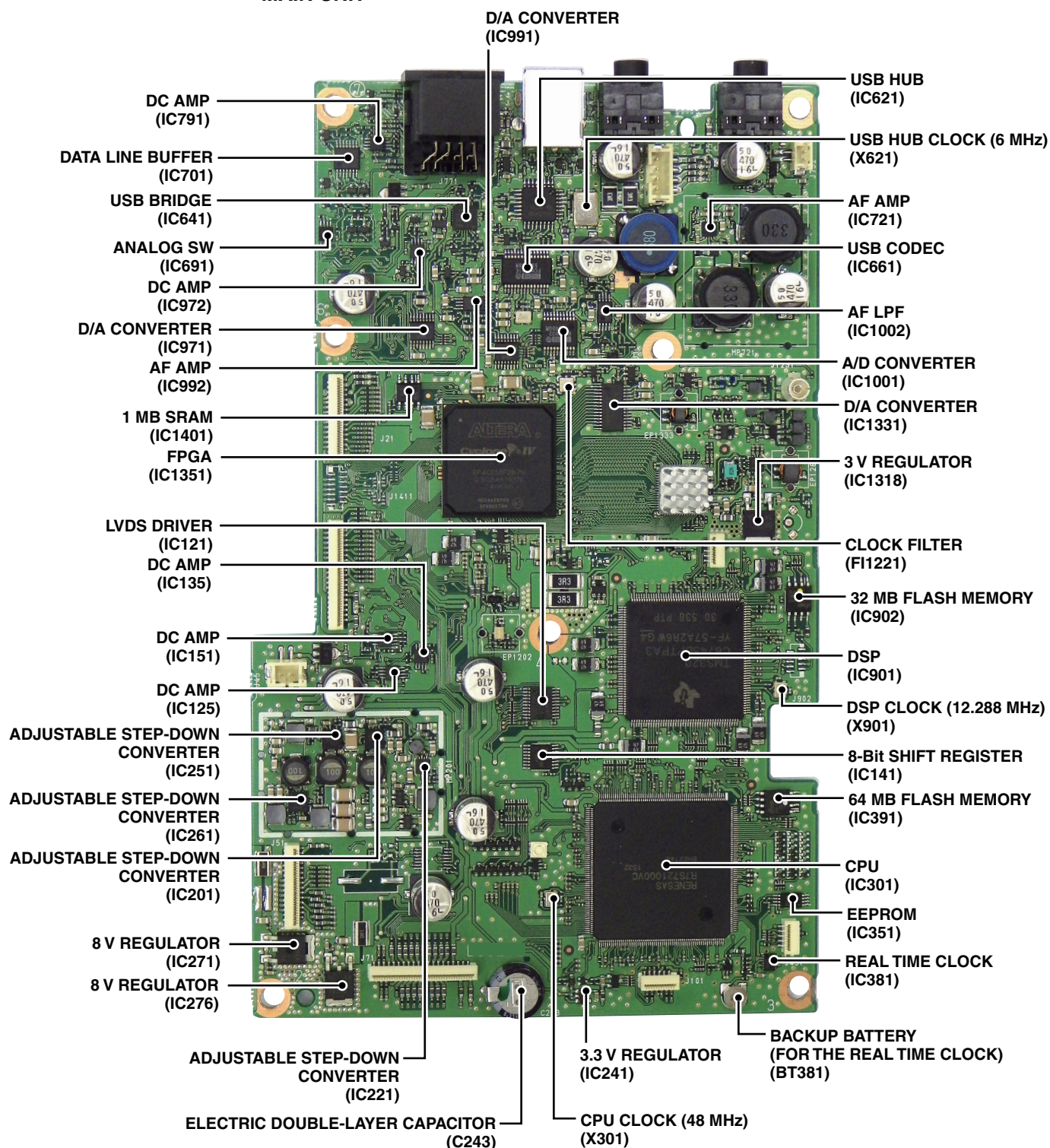
|                                    |                                                                                      |
|------------------------------------|--------------------------------------------------------------------------------------|
| • Receive system:                  | Direct sampling superheterodyne                                                      |
| • Intermediate frequency:          | 36 kHz                                                                               |
| • Sensitivity (Filter: SOFT):      |                                                                                      |
| SSB/CW (at 10 dB S/N)              |                                                                                      |
| 1.8 ~ 29.999999 MHz                | Less than -123 dBm (0.16 $\mu$ V) (P.AMP1 ON)                                        |
| 50 MHz band                        | Less than -125 dBm (0.13 $\mu$ V) (P.AMP2 ON)                                        |
| 70 MHz band*2                      | Less than -123 dBm (0.16 $\mu$ V) (P.AMP2 ON)                                        |
|                                    | *2 Depending on the transceiver version.                                             |
| AM (at 10 dB S/N)                  |                                                                                      |
| 0.5 ~ 1.8 MHz                      | Less than -85 dBm (12.6 $\mu$ V) (P.AMP1 ON)                                         |
| 1.8 ~ 29.999999 MHz                | Less than -101 dBm (2.0 $\mu$ V) (P.AMP1 ON)                                         |
| 50 MHz and 70 MHz bands            | Less than -107 dBm (1.0 $\mu$ V) (P.AMP2 ON)                                         |
| FM (at 12 dB SINAD)                |                                                                                      |
| 28.0 ~ 29.7 MHz                    | Less than -113 dBm (0.5 $\mu$ V) (P.AMP1 ON)                                         |
| 50 MHz and 70 MHz bands            | Less than -119 dBm (0.25 $\mu$ V) (P.AMP2 ON)                                        |
| • Squelch sensitivity (threshold): |                                                                                      |
| SSB                                | Less than -92 dBm (5.6 $\mu$ V)                                                      |
| FM                                 | Less than -117 dBm (0.3 $\mu$ V)                                                     |
|                                    | (HF band: P.AMP1 ON, 50 MHz band: P.AMP2 ON)                                         |
| • Selectivity (Filter: SHARP):     |                                                                                      |
| SSB (BW=2.4 kHz)                   | More than 2.4 kHz/-6 dB                                                              |
|                                    | Less than 3.4 kHz/-40 dB                                                             |
| CW (BW=500 Hz)                     | More than 500 Hz/-6 dB                                                               |
|                                    | Less than 700 Hz/-40 dB                                                              |
| RTTY (BW=500 Hz)                   | More than 500 Hz/-6 dB                                                               |
|                                    | Less than 800 Hz/-40 dB                                                              |
| AM (BW=6 kHz)                      | More than 6.0 kHz/-6 dB                                                              |
|                                    | Less than 10 kHz/-40 dB                                                              |
| FM (BW=15 kHz)                     | More than 12.0 kHz/-6 dB                                                             |
|                                    | Less than 22 kHz/-40 dB                                                              |
| • Spurious and image rejection:    | More than 70 dB (except for ADC aliasing)                                            |
| • Audio output power:              | More than 2.5 W (at 10% distortion into the 8 $\Omega$ load, at the 1 kHz reference) |
| • Output impedance (Speaker):      | 8 $\Omega$                                                                           |
| • RIT variable range:              | $\pm$ 9.999 kHz                                                                      |

## Antenna tuner

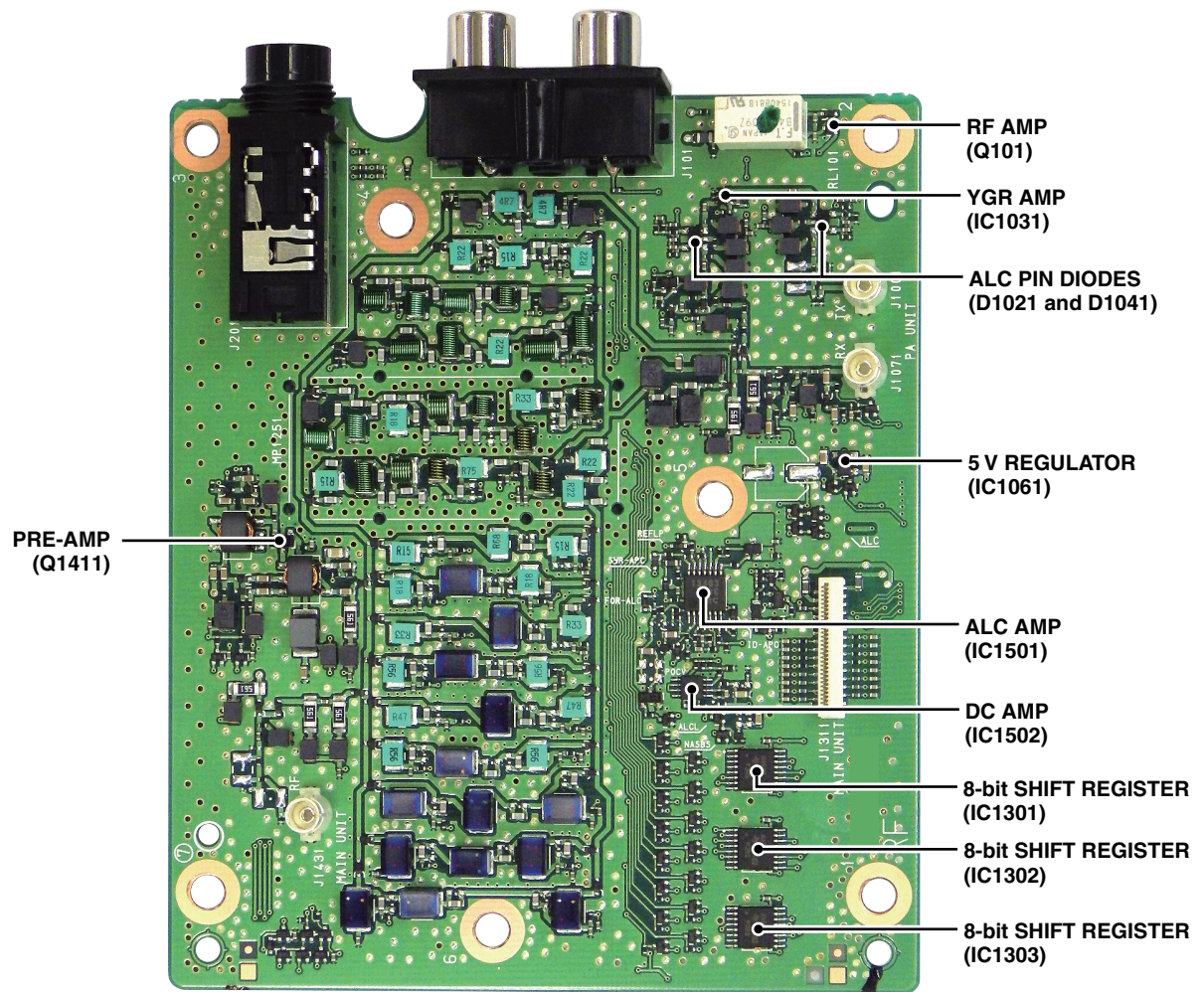
|                                |                                                     |
|--------------------------------|-----------------------------------------------------|
| • Tunable impedance range:     | 16.7~150 $\Omega$ (unbalanced) (less than 3:1 VSWR) |
| • Tuning accuracy:             | Less than 1.5:1 VSWR                                |
| • Tuning time (approximately): | 2~3 seconds (average)                               |
|                                | 15 seconds (maximum)                                |

① All stated specifications are typical and subject to change without notice or obligation.

## • MAIN UNIT

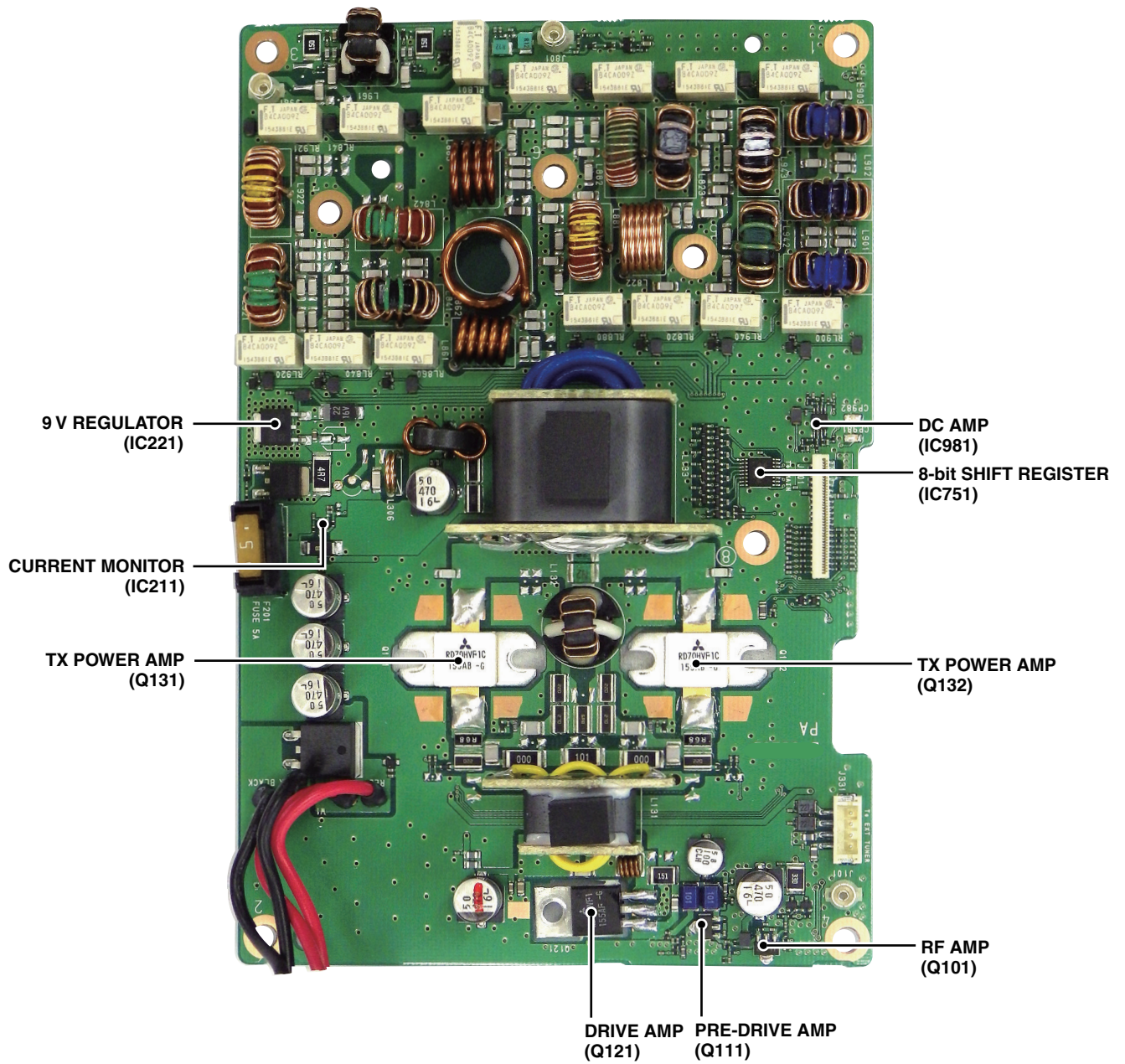


• RF UNIT

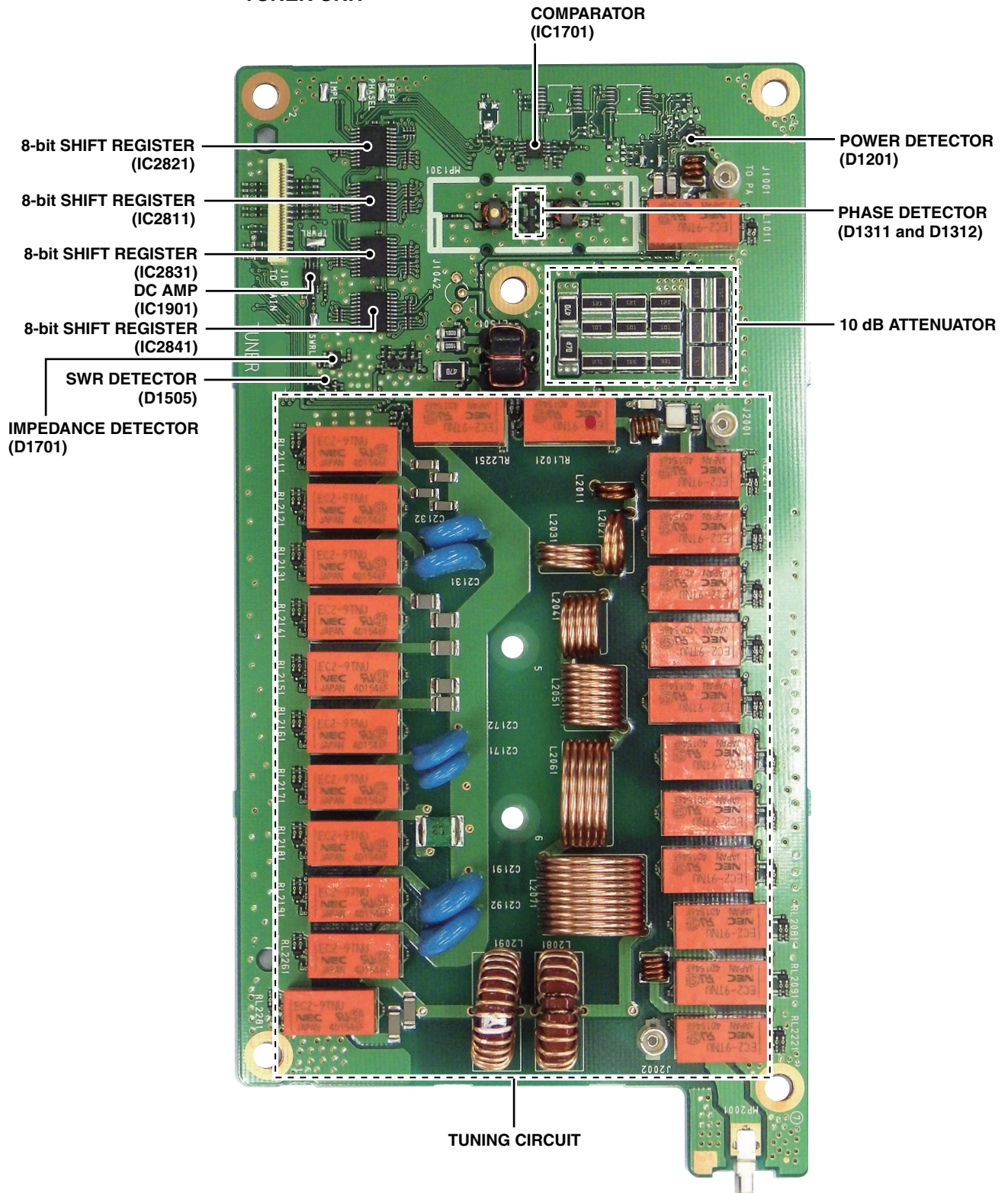




• PA UNIT



• TUNER UNIT





## 3-1 PA UNIT

The PA UNIT is composed of the transmit power amplifier, harmonic filters, and sensing circuits for the transmit power and SWR.

### (1) RECEIVE SIGNAL PROCESSING

The received signal from the TUNER UNIT is passed through the TX/RX SW (RL801), and applied to the RF UNIT through the LPF whose cut-off frequency is 76 MHz, and the TX mute switch (Q811, D811 and D812).

To prevent abnormal oscillations caused by feedback of the transmit signal, the TX mute switch connects the transmit line to ground while receiving.

### (2) TRANSMIT SIGNAL PROCESSING

#### • DRIVE AMPLIFIER

The transmit signal from the RF UNIT is sequentially amplified by the RF amplifier (Q101), pre-drive amplifier (Q111) and drive amplifier (Q121). These RF amplifiers are the high gain source-grounded amplifiers. The idling current of drive amplifier (Q121) is appropriately adjusted to compensate for variation in gain.

#### • POWER AMPLIFIER

The transmit signal from the drive amplifier (Q121) is applied to the push-pull power amplifier (Q131 and Q132) to be amplified up to 100 watts (for the HF/50 MHz band) or 50 watts (for the 70 MHz band). The idling current of the power amplifier is appropriately adjusted to compensate for variation in gain.

#### • LPF

The transmit signal from the power amplifier is filtered by one of the LPFs that is selected according to the transmit frequency. These LPFs are the Chebyshev filters with sharp cut-off characteristics, to reduce the harmonic components in the transmit signal.

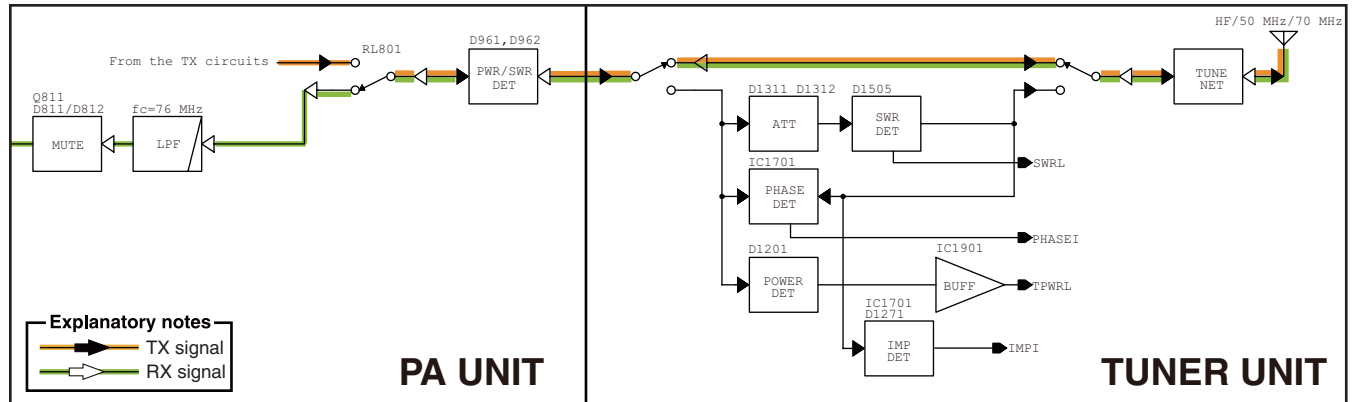
There are 7 BPFs with different cut-off frequencies. The LPFs are selected by the relays on both sides of each LPF, according to the transmit frequency.

#### • FORWARD AND REFLECT WAVES DETECTION CIRCUIT

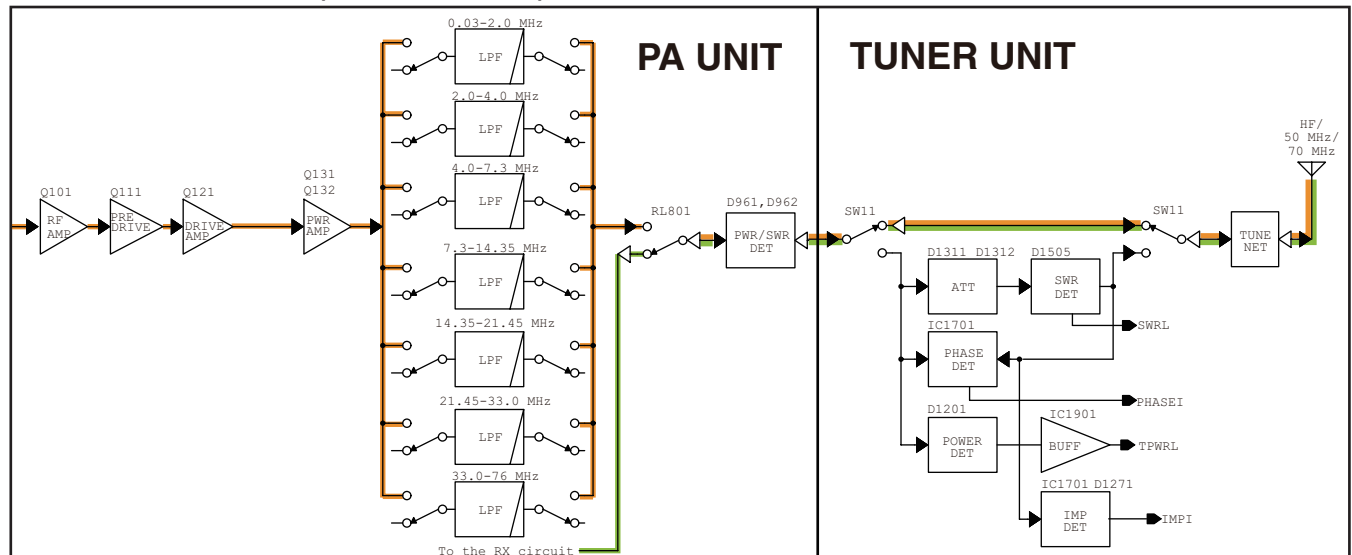
The transmit signal is passed through the SWR detection circuit, which is composed of the CM coupler and rectifier diodes (D961 and D962). The forward and reflect waves are detected, resulting in the forward wave and reflect wave sensing voltages. The sensing voltages are amplified by the buffer (IC981), and then applied to the CPU in the MAIN UNIT for monitoring.

The amplified transmit signal is applied to the antenna, through the TUNER UNIT.

#### • PA AND TUNER UNITS (Receive circuits)



#### • PA AND TUNER UNITS (Transmit circuits)



### 3-2 RF UNIT

The RF UNIT is composed of the receive and transmit RF circuits.

The received signal from the PA UNIT is passed to the MAIN UNIT through the attenuator, filter, and preamp.

The transmit signal from the MAIN UNIT is passed to the PA UNIT through the filter, ALC circuit, and YGR AMP.

#### (1) RECEIVE SIGNAL PROCESSING

The received signal from the PA UNIT is passed through the RX mute switch (D1001), passes through or bypasses the attenuator (D1081 ~ D1083) according to the Attenuator function setting, and is then applied to the filter circuit. The attenuator (D1081 ~ D1083) is controlled to change the attenuation level to between 0 dB (bypass) and 20 dB.

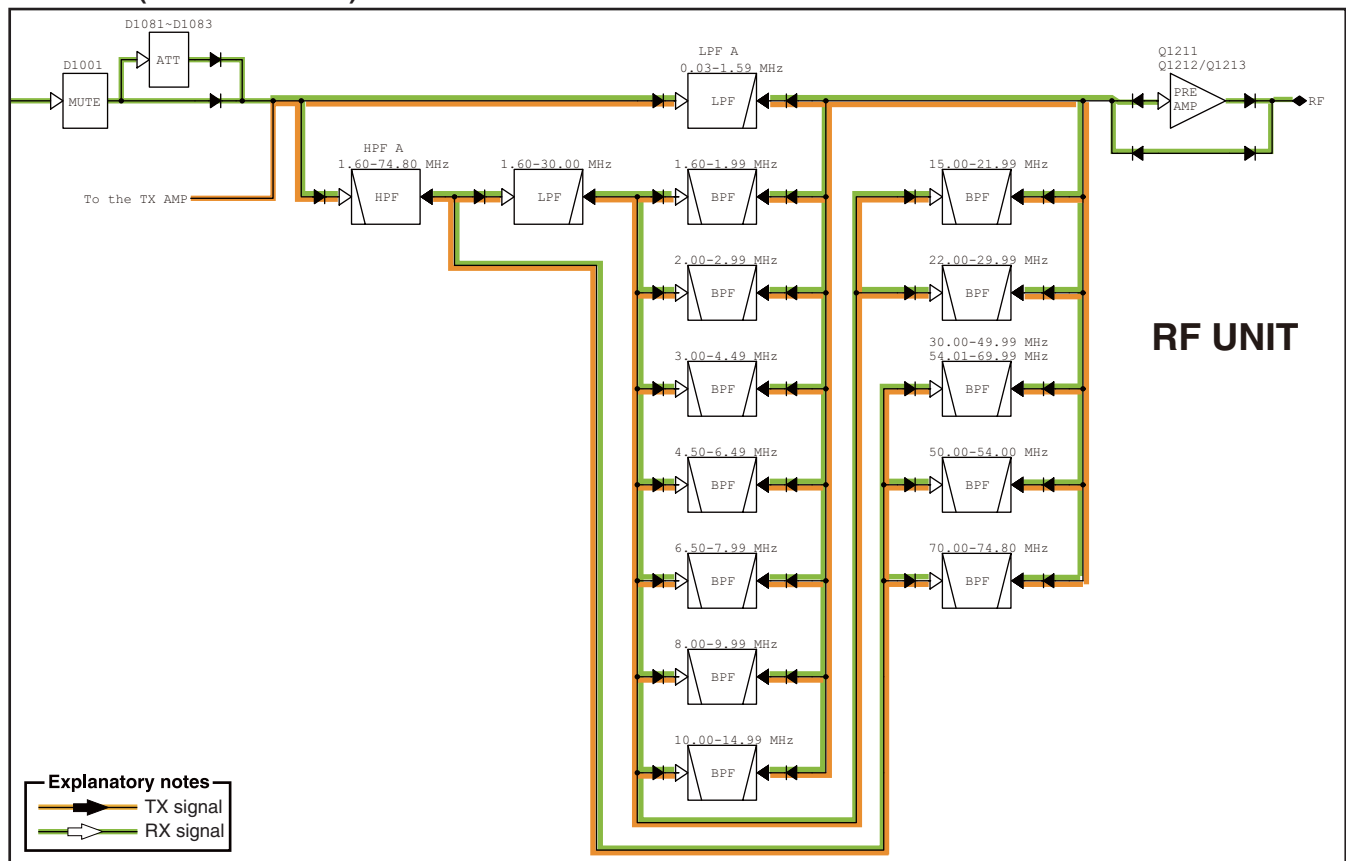
The filter circuit is composed of 15 filters. The received signal is passed through the filter that is selected according to the receive frequency.

The received signals of 1.6 MHz and below are passed through only "LPF (A)." The received signals of 1.6 MHz and above are passed through "HPF (A)," which is designed to prevent interference by strong MF band broadcast stations.

This HPF is designed to obtain more than 20 dB of isolation for 1.6 MHz and lower frequencies. The received signals of 1.6 MHz and above are also passed through one of the BPFs, according to the selected operating band.

The filtered signal is then applied to the preamp circuit. The received signal may be amplified by P.AMP1 (normal gain) or P.AMP2 (higher gain), or bypass both, according to the Pre-amp function setting. The received signal from the preamp circuit is then applied to the MAIN UNIT.

#### • RF UNIT (Receive circuits)



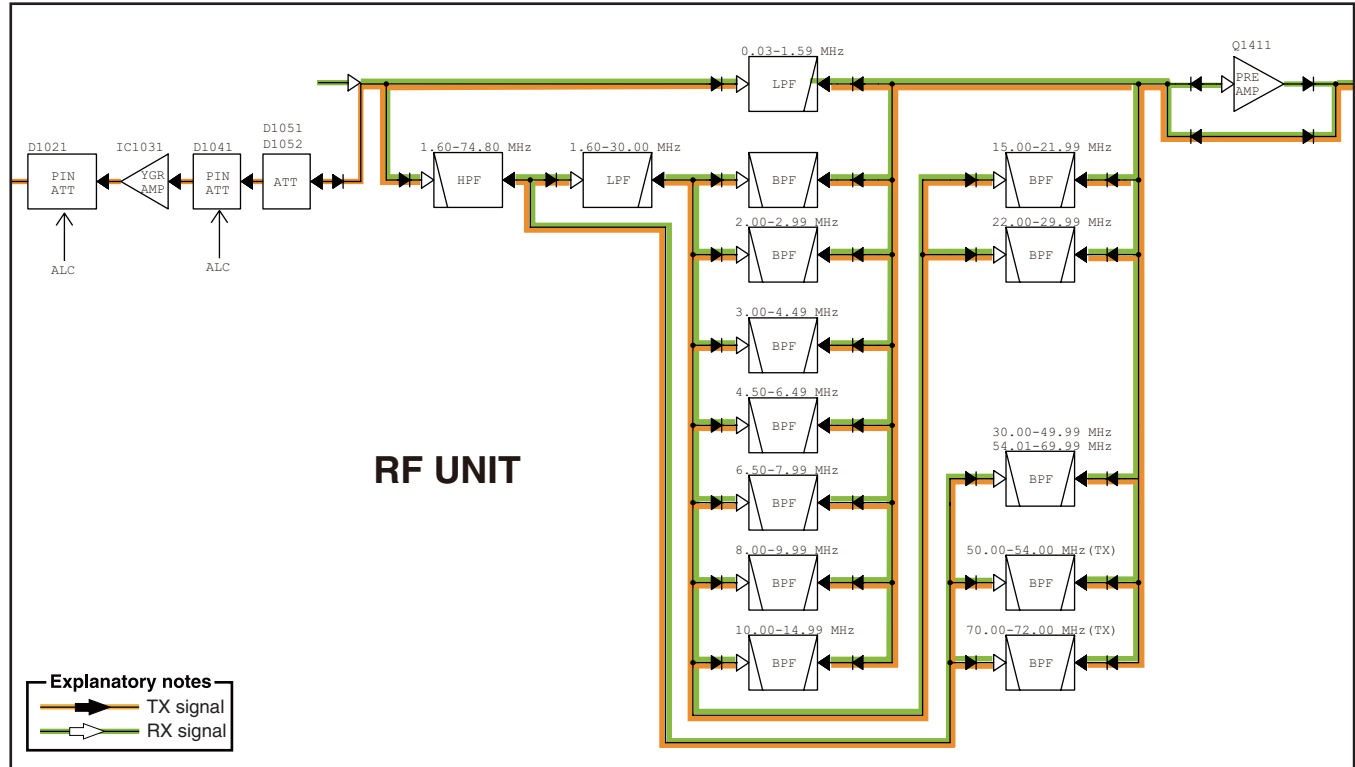
### 3-2 RF UNIT (continued)

#### (2) TRANSMIT SIGNAL PROCESSING

The transmit signal from the MAIN UNIT is passed through one of the BPFs in the filter circuit. The filtered signal level is adjusted by the gain controller (D1051 and D1052), which compensates the level difference in the band. The transmit signal is then amplified by the YGR AMP (IC1031) to obtain the input level needed in the transmit amplifier circuit.

The signal level is also adjusted by the ALC circuit (D1201 and D1041), which is located at the input and output of YGR AMP (IC1031). The ALC circuit automatically adjusts the transmit signal level according to the transmit power sensing voltage. The level-adjusted transmit signal is then applied to the PA UNIT.

#### • RF UNIT (Transmit circuits)





### 3-3 MAIN UNIT

The IC-7300 uses the Direct Conversion system, which directly converts the received signal into a digital signal by the A/D converter. The digital signal is then converted into the 36 kHz IF signal by the FPGA, before being processed by the DSP.

The transmit signal is processed and converted into the transmit IF signal by the DSP. The transmit IF signal is converted into an RF signal by the FPGA, and then converted into an analog transmit signal. Since the IF signal is directly processed as a digital signal in the FPGA, any analog heterodyne circuits, such as IF circuits, are not needed.

In a traditional transceiver, the received signal level (gain) was controlled by the DSP prior to the external AGC circuit.

But, this method will not work in the Direct Sampling system since the RF gain control cannot prevent over input to the A/D converter. This method has been replaced by adding an external AGC circuit, instead of using the DSP's internal AGC circuitry.

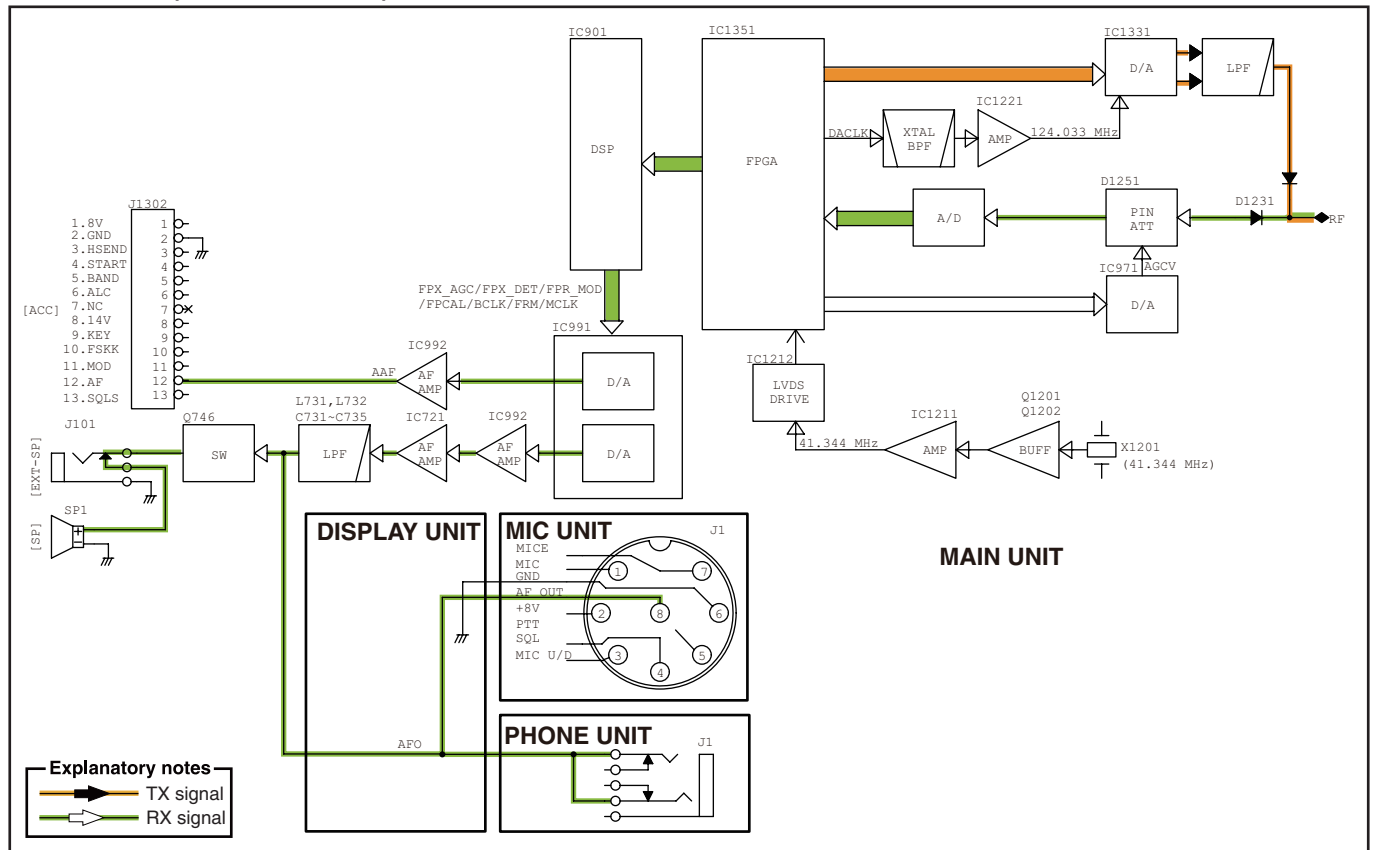
The level-adjusted received signal is applied to the A/D converter to be converted into a digital signal. The converted digital signal is applied to the FPGA (IC1351) where the received signal is converted into the 36 kHz IF signal.

#### (1) RECEIVE SIGNAL PROCESSING

##### • External attenuator and A/D conversion

The received signal from the RF UNIT is passed through the TX/RX switching diode (D1231) and applied to the external attenuator (PIN diode D1251). The attenuator is controlled by the AGC voltage from the D/A converter (IC971) to adjust the received signal level so that the signal amplitude is within the input dynamic range of the A/D converter.

##### • MAIN UNIT (Receive circuits)



### 3-3 MAIN UNIT (continued)

#### • FPGA

FPGA (Field-Programmable Gate Array) is a device that can digitally configure the virtual circuit in the chip.

The program that determines how it operates is written in the external EEPROM, and loaded when the transceiver power is turned ON. So the circuit can be reconfigured, even after the device is mounted on the PCB, by reprogramming it.

Using mathematical functions, the FPGA (IC1351) performs down conversion and filtering by controlling digital bits.

The received signal from the RF UNIT has been converted into a digital data stream by the A/D converter. The converted data is applied to the FPGA as a bit stream with the sampled signal spectrum, and then processed by manipulating the digital bits. The FPGA processes the signal mathematically to digitally obtain the oscillation and mixing (Image rejection mixer), as if the signal is processed in a hardware down conversion circuit.

The processed signal is applied to the DSP (IC901).

#### • Demodulator and D/A converter

The 36 kHz IF signal is digitally demodulated and processed by the DSP (IC901), whose design is based totally on that of the IC-7100. The internal AGC control, demodulation, noise reduction (NB, NR and Notch filter) and squelch functions are also the same as those of the IC-7100.

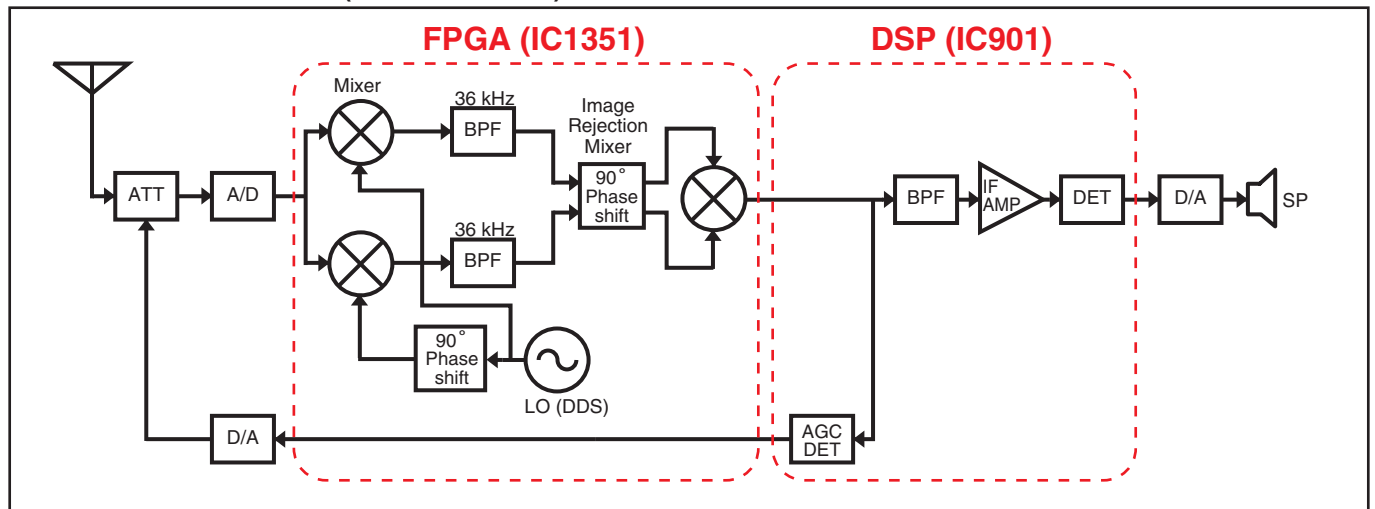
The demodulated and processed signal from the DSP (IC901) is applied to the D/A converter (IC991) to be converted into an analog AF signal. The AF signal is then applied to the AF circuit.

#### • AF circuit

The AF signal is amplified by the AF AMP (IC992), and then by the D-class AF power AMP (IC721) to obtain up to 2.5 watts (at 8 ohms, 1 kHz, 10% distortion) of output power. The amplified signal is applied to the speaker through the LPF (L731, L732 and C731 ~ C735), which attenuates unwanted frequency components, and to the speaker SW (Q746).

When an external speaker is connected to the [EXT-SP] jack, the audio output from the internal speaker (SP1) is disconnected.

#### • FPGA BLOCK DIAGRAM (Receive circuits)



## (2) TRANSMIT SIGNAL PROCESSING

### • MIC AMP and A/D converter

The audio signal from the [MIC] connector on the front panel is amplified by the MIC amplifier (IC1002), and then applied to the A/D converter (IC1001) to be converted into a digital signal. The audio signal from the [ACC] socket is applied to the A/D converter (IC1001), through the mute SW (IC1003) and LPF (IC1002), and is also converted into a digital signal. The converted digital signal is then applied to the DSP (IC901) for audio processing.

### • Modulation and D/A converter

The signal is digitally modulated in the DSP (IC901), resulting in the 36 kHz transmit IF signal, and then applied to the FPGA (IC1351).

The audio signal from the microphone has been converted into a digital data stream by the A/D converter. The converted data is applied to the DSP (IC901), and digitally processed, resulting in a modulated 36 kHz transmit IF signal.

### • FPGA

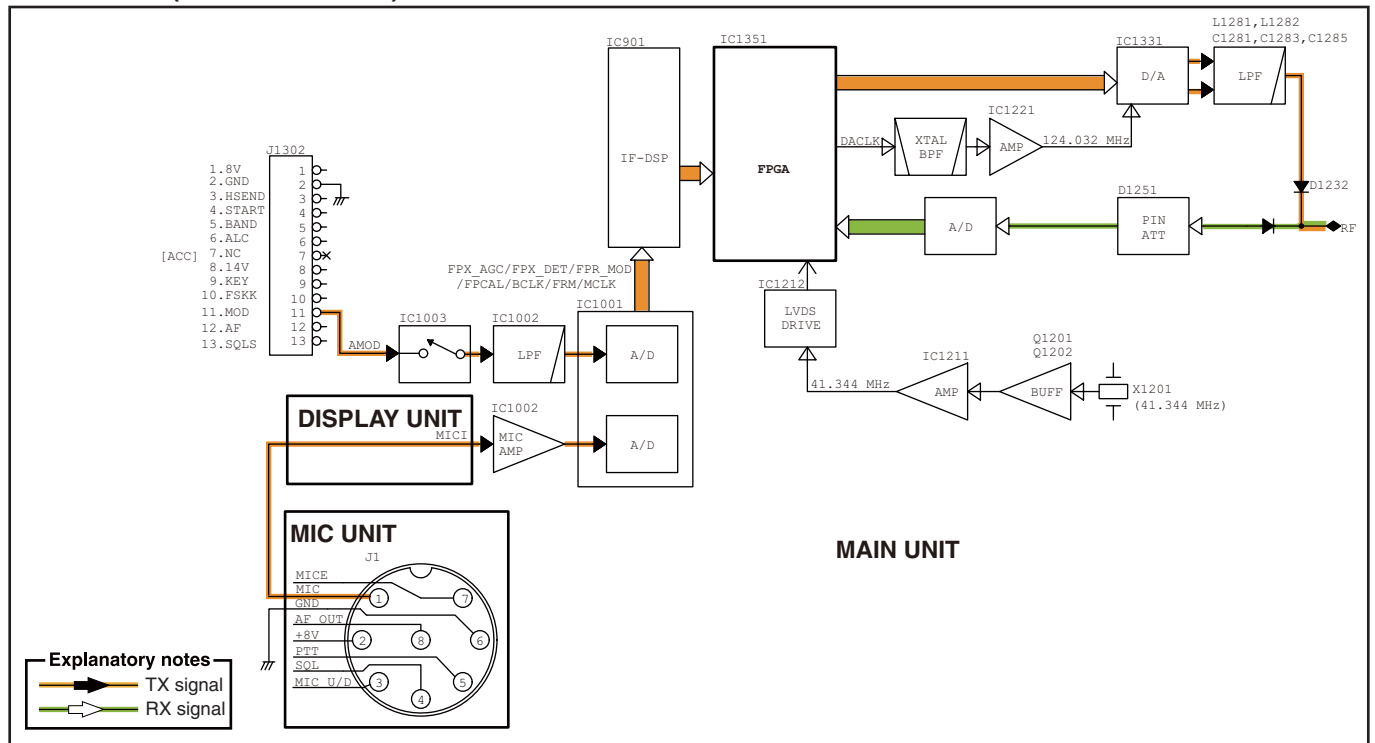
The transmit IF signal is applied to the FPGA (IC1351). The FPGA mathematically processes the signal to digitally obtain the oscillation (TX LO) and mixing (Image rejection mixer), as if the signal is processed in a hardware up conversion circuit.

The processed signal is applied to the D/A converter to be converted in to an analog RF transmit signal.

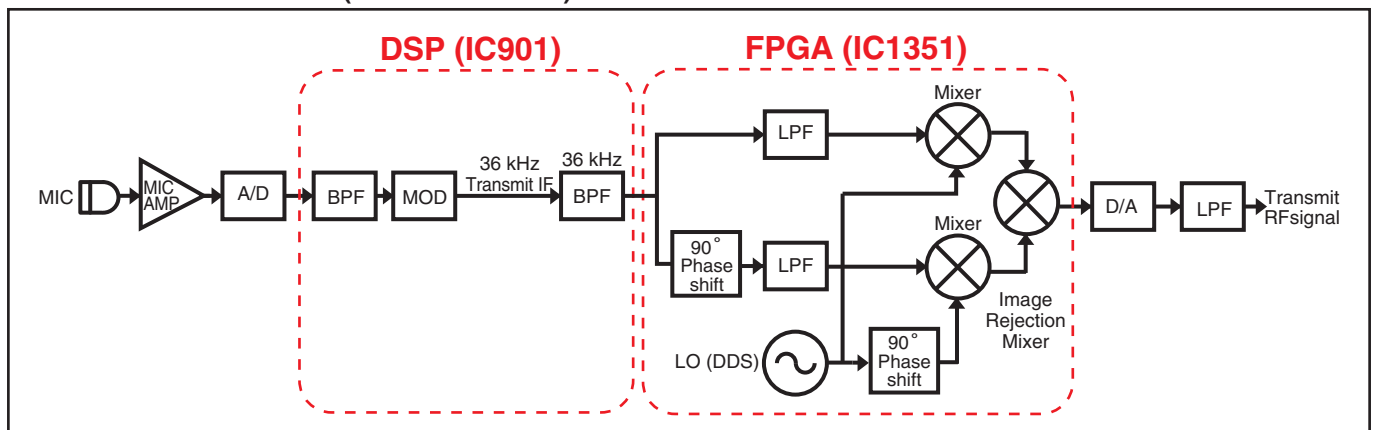
### • RF signal processing

The transmit signal, that is processed and up-converted in the FPGA (IC1351), is applied to the D/A converter (IC1331) to be converted into an analog transmit signal. The transmit signal is passed through the LPF (L1281, L1282, C1281, C1283 and C1285), which attenuates unwanted frequency components in the transmit signal, and is then applied to the RF UNIT.

### • MAIN UNIT (Transmit circuits)



### • FPGA BLOCK DIAGRAM (Transmit circuits)



# SECTION 4 ADJUSTMENT PROCEDURE

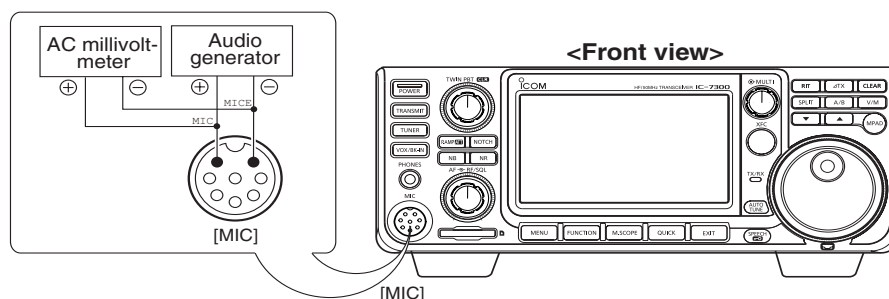
## 4-1 PREPARATION

### ■ REQUIRED EQUIPMENTS

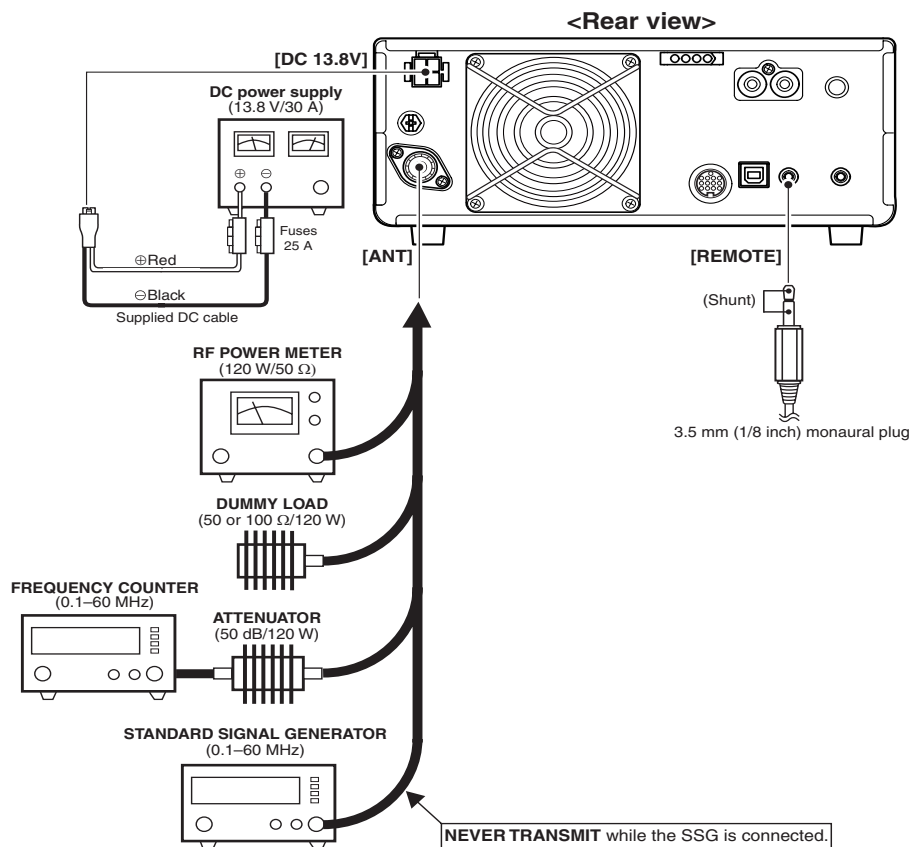
| EQUIPMENT                                  | GRADE AND RANGE                                                                                         | EQUIPMENT                       | GRADE AND RANGE                                                                                         |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------|
| Shunt plug                                 | Modified 3.5 mm (1/8 inch) monaural plug<br>(See the illustration below.)                               | Dummy Loads                     | Impedance: 50 $\Omega$ and 100 $\Omega$ /120 W                                                          |
| RF power meter<br>(50 $\Omega$ terminated) | Measuring range: 1–120 W<br>Frequency range: 0.1–60 MHz<br>SWR: Less than 1.2 : 1                       | Attenuator                      | Attenuation: 50 dB/120 W                                                                                |
| Frequency counter                          | Frequency range: 0.1–60 MHz<br>Frequency accuracy: $\pm 1$ ppm or better<br>Input level: Less than 1 mW | Standard signal generator (SSG) | Frequency range: 0.1–60 MHz<br>Output level: $-20$ dB $\mu$ to $+94$ dB $\mu$<br>( $-127$ to $-13$ dBm) |
|                                            |                                                                                                         | Audio generator (AG)            | Frequency range: 300–3000 Hz<br>Output level: 1–500 mV                                                  |
|                                            |                                                                                                         | AC Millivoltmeter               | Measuring range: 10 mV to 10 V                                                                          |

### ■ GENERAL CONNECTION

#### • Front panel



#### • Rear panel

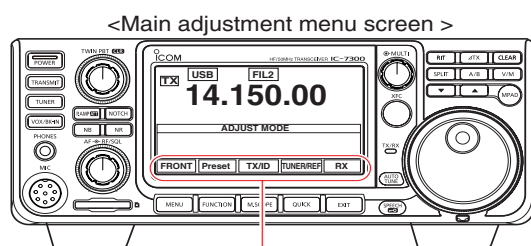




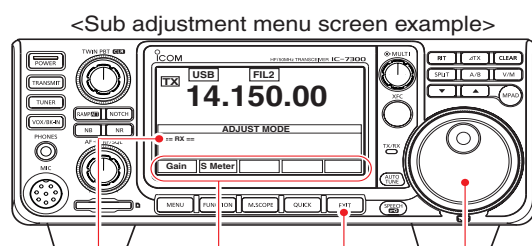
## 4-1 PREPARATION (continued)

### ■ ENTERING THE ADJUSTMENT MODE

- 1) Connect the shunt plug to [REMOTE] (See page 5-1).
- 2) While holding down the [MENU] and [FUNCTION] keys, turn ON the transceiver power.
- 3) The main adjustment menu appears.



Sub adjustment menu



Adjustment item

Sub adjustment menu

Push to exit the menu

Rotate to adjust

### ■ QUITTING THE ADJUSTMENT MODE

- 1) Remove the shunt plug from [REMOTE].
- 2) Turn OFF the power.
- 3) Turn ON the power again.

## 4-2 RECEIVE ADJUSTMENTS

- Touch [RX] on the main adjustment menu screen.

**NOTE: DO NOT** change the SSG output level until the second beep sounds.

| ADJUSTMENT ITEM |                                                      | TRANSCIVER'S CONDITION                           | OPERATION                                                                                                                                                                    | VALUE                                                                        |
|-----------------|------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| PREPARATION     | 1                                                    | —                                                | 1) Connect the SSG to the antenna connector, and then set it as:<br>Frequency : 14.1515 MHz<br>Modulation : None<br>2) Touch [GAIN] to enter to the receive adjustment mode. | —                                                                            |
| RX TOTAL GAIN   | 2                                                    | • Display: "Total Gain PRE OFF ref"<br>• Receive | • Set the SSG as;<br>Level : +34 dBμ (−73 dBm)                                                                                                                               | Touch [SET].<br>(A beep sounds, and then another beeps sound 2 sec. later.)  |
|                 | 3                                                    | • Display: "Total Gain PRE OFF set"<br>• Receive | • Set the SSG as;<br>Level : OFF                                                                                                                                             | Touch [SET].<br>(A beep sounds, and then another beeps sound 20 sec. later.) |
|                 | 4                                                    | • Display: "Total Gain PRE1 ref"<br>• Receive    | • Set the SSG as;<br>Level : +34 dBμ (−73 dBm)                                                                                                                               | Touch [SET].<br>(A beep sounds, and then another beeps sound 2 sec. later.)  |
|                 | 5                                                    | • Display: "Total Gain PRE1 set"<br>• Receive    | • Set the SSG as;<br>Level : OFF                                                                                                                                             | Touch [SET].<br>(A beep sounds, and then another beeps sound 20 sec. later.) |
| S-METER         | 6                                                    | • Display: "HF S9 Level"<br>• Receive            | • Set the SSG as;<br>Level : +34 dBμ (−73 dBm)                                                                                                                               | Touch [SET].<br>(A beep sounds, and then another beep sounds 1 sec. later.)  |
|                 | 7                                                    | • Display: "HF S9+60 Level"<br>• Receive         | • Set the SSG as;<br>Level : +90 dBμ (−17 dBm)                                                                                                                               |                                                                              |
|                 | • Push [EXIT] to return to the main adjustment menu. |                                                  |                                                                                                                                                                              |                                                                              |

## 4-3 TX IDLING CURRENT ADJUSTMENTS

- Touch [TX/ID] on the main adjustment menu screen.

**NOTE:** The transceiver automatically transmits when a TX adjustment item is selected.

| ADJUSTMENT ITEM | TRANSCIVER'S CONDITION                             |                                                      | OPERATION                                                                                                                                | VALUE                                                                         |
|-----------------|----------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| PREPARATION     | 1                                                  |                                                      | 1) Connect the power meter (or dummy load) to the antenna connector.<br>2) Touch [ID] to enter to the TX idling current adjustment mode. | —                                                                             |
| ADJUSTMENT      | 2                                                  | • Display: “VDL IDL Set”<br>• Receive                | —                                                                                                                                        | Touch [SET].<br>(A beep sounds, and then another beep sounds 0.5 sec. later.) |
|                 | 3                                                  | • Display: “FINAL ID SET”<br>• Receive               |                                                                                                                                          |                                                                               |
|                 | 4                                                  | • Display: “FINAL1 IDV”<br>• Transmit (automatic)    |                                                                                                                                          |                                                                               |
|                 | 5                                                  | • Display: “FINAL2 IDV”<br>• Transmit (automatic)    |                                                                                                                                          |                                                                               |
|                 | 6                                                  | • Display: “DRIVER ID SET”<br>• Transmit (automatic) |                                                                                                                                          |                                                                               |
|                 | 7                                                  | • Display: “DRIVER IDV”<br>• Transmit (automatic)    |                                                                                                                                          |                                                                               |
|                 | • Push [EXIT] to return to the TX adjustment menu. |                                                      |                                                                                                                                          |                                                                               |

## 4-4 TX POWER ADJUSTMENTS

• Touch [TX/ID] on the main adjustment menu screen.

**NOTE:** The transceiver automatically transmits when a TX adjustment item is selected.

| ADJUSTMENT ITEM                                         |    | TRANSCIVER'S CONDITION                                                                                            | OPERATION                                                                                                                                                                                                                                | ADJUST POINT | VALUE                                                                   |
|---------------------------------------------------------|----|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------|
| <b>TX POWER &amp; POWER METER SETTING (Preparation)</b> | 1  | <ul style="list-style-type: none"> <li>• Display: "TX POWER SET"</li> <li>• Receive</li> </ul>                    | 1) Connect the AG with the millivoltmeter to [MIC], and then set it as;<br>Frequency : 1.5 kHz<br>Level : 30 mVrms<br>2) Connect the power meter to the antenna connector.<br>3) Touch [Power] to enter to the TX power adjustment mode. | —            | —                                                                       |
| <b>(HF BAND)</b>                                        | 2  | <ul style="list-style-type: none"> <li>• Display: "TX Total HF Gain"</li> <li>• Transmit (automatic)</li> </ul>   | <ul style="list-style-type: none"> <li>• Adjust the TX power by rotating [MAIN DIAL], and then touch [SET].</li> </ul>                                                                                                                   | [MAIN DIAL]  | 50 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.)   |
|                                                         | 3  | <ul style="list-style-type: none"> <li>• Display: "POWER HF 1%"</li> <li>• Transmit (automatic)</li> </ul>        |                                                                                                                                                                                                                                          |              | 2 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.)    |
|                                                         | 4  | <ul style="list-style-type: none"> <li>• Display: "POWER HF 10%"</li> <li>• Transmit (automatic)</li> </ul>       |                                                                                                                                                                                                                                          |              | 12.5 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.) |
|                                                         | 5  | <ul style="list-style-type: none"> <li>• Display: "POWER HF TUNE"</li> <li>• Transmit (automatic)</li> </ul>      |                                                                                                                                                                                                                                          |              | 52.5 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.) |
|                                                         | 6  | <ul style="list-style-type: none"> <li>• Display: "POWER HF 50%"</li> <li>• Transmit (automatic)</li> </ul>       |                                                                                                                                                                                                                                          |              | 105 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.)  |
|                                                         | 7  | <ul style="list-style-type: none"> <li>• Display: "POWER HF 100%"</li> <li>• Transmit (automatic)</li> </ul>      |                                                                                                                                                                                                                                          |              | 25 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.)   |
|                                                         | 8  | <ul style="list-style-type: none"> <li>• Display: "POWER AM Ratio HF"</li> <li>• Transmit (automatic)</li> </ul>  | 1) Touch [SET].<br>(Automatically starts to transmit.)<br>2) Adjust the TX power by rotating [MAIN DIAL], and then touch [SET].                                                                                                          | —            | Touch [SET].                                                            |
| <b>AM CARRIER POWER (HF BAND)</b>                       | 9  | <ul style="list-style-type: none"> <li>• Display: "POWER 50M SET"</li> <li>• Transmit (automatic)</li> </ul>      | —                                                                                                                                                                                                                                        |              | —                                                                       |
| <b>TX POWER &amp; POWER METER SETTING (50 MHz band)</b> | 10 | <ul style="list-style-type: none"> <li>• Display: "TX Total 50M Gain"</li> <li>• Transmit (automatic)</li> </ul>  | <ul style="list-style-type: none"> <li>• Adjust the TX power by rotating [MAIN DIAL], and then touch [SET].</li> </ul>                                                                                                                   | [MAIN DIAL]  | 50 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.)   |
|                                                         | 11 | <ul style="list-style-type: none"> <li>• Display: "POWER 50M 1%"</li> <li>• Transmit (automatic)</li> </ul>       |                                                                                                                                                                                                                                          |              | 2 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.)    |
|                                                         | 12 | <ul style="list-style-type: none"> <li>• Display: "POWER 50M 10%"</li> <li>• Transmit (automatic)</li> </ul>      |                                                                                                                                                                                                                                          |              | 12.5 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.) |
|                                                         | 13 | <ul style="list-style-type: none"> <li>• Display: "POWER 50M TUNE"</li> <li>• Transmit (automatic)</li> </ul>     |                                                                                                                                                                                                                                          |              | 52.5 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.) |
|                                                         | 14 | <ul style="list-style-type: none"> <li>• Display: "POWER 50M 50%"</li> <li>• Transmit (automatic)</li> </ul>      |                                                                                                                                                                                                                                          |              | 105 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.)  |
|                                                         | 15 | <ul style="list-style-type: none"> <li>• Display: "POWER 50M 100%"</li> <li>• Transmit (automatic)</li> </ul>     |                                                                                                                                                                                                                                          |              | 25 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.)   |
| <b>AM CARRIER POWER RATIO (50 MHz band)</b>             | 16 | <ul style="list-style-type: none"> <li>• Display: "POWER AM Ratio 50M"</li> <li>• Transmit (automatic)</li> </ul> | 1) Touch [SET].<br>(Automatically starts to transmit.)<br>2) Adjust the TX power by rotating [MAIN DIAL], and then touch [SET].                                                                                                          | —            | Touch [SET].                                                            |
|                                                         | 17 | <ul style="list-style-type: none"> <li>• Display: "POWER 70M SET"</li> <li>• Receive</li> </ul>                   | —                                                                                                                                                                                                                                        |              | —                                                                       |

(Continued on the next page.)

#### 4-4 TX POWER ADJUSTMENTS (continued)

| ADJUSTMENT ITEM                                                       | TRANSCIVER'S CONDITION                                       | OPERATION                                                                                                                       | ADJUST POINT | VALUE                                                                   |
|-----------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------|
| <b>TX POWER &amp; POWER METER SETTING</b><br>(70 MHz band)            | 18 • Display: "TX Total 70M Gain"<br>• Transmit (automatic)  | —                                                                                                                               | [MAIN DIAL]  | 25 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.)   |
|                                                                       | 19 • Display: "POWER 70M 1%"<br>• Transmit (automatic)       |                                                                                                                                 |              | 2 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.)    |
|                                                                       | 20 • Display: "POWER 70M 10%"<br>• Transmit (automatic)      |                                                                                                                                 |              | 7.5 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.)  |
|                                                                       | 21 • Display: "POWER 70M TUNE"<br>• Transmit (automatic)     |                                                                                                                                 |              | 10 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.)   |
|                                                                       | 22 • Display: "POWER 70M 50%"<br>• Transmit (automatic)      |                                                                                                                                 |              | 27.5 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.) |
|                                                                       | 23 • Display: "POWER 70M 100%"<br>• Transmit (automatic)     |                                                                                                                                 |              | 52.5 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.) |
| <b>AM CARRIER POWER</b><br>(70 MHz band)<br>Only for [#03, 05 and 06] | 24 • Display: "POWER AM Ratio 70M"<br>• Transmit (automatic) | 1) Touch [SET].<br>(Automatically starts to transmit.)<br>2) Adjust the TX power by rotating [MAIN DIAL], and then touch [SET]. |              | 12.5 W<br>(A beep sounds, and then another beeps sound 0.5 sec. later.) |
|                                                                       | • Push [EXIT] to return to the main adjustment menu.         |                                                                                                                                 |              |                                                                         |

#### 4-5 TX AMPLIFIER ADJUSTMENTS

• Touch [TX/ID] on the main adjustment menu screen.

**NOTE:** The transceiver automatically transmits when a TX adjustment item is selected.

| ADJUSTMENT ITEM           | TRANSCIVER'S CONDITION                               | OPERATION                                                                                                                                                                                                                                                             | VALUE                                                                        |
|---------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| <b>PREPARATION</b>        | 1 • Display: "TX POWER SET"<br>• Receive             | 1) Connect the AG with the millivoltmeter to [MIC], and then set it as;<br>Frequency : 1.5 kHz<br>Level : 30 mVrms<br>2) Connect the power meter to the antenna connector.<br>3) Touch [ALC] on the TX adjustment menu, to enter to the TX amplifier adjustment mode. | —                                                                            |
| <b>ALC METER</b>          | 2 • Display: "ALC HF"<br>• Transmit (automatic)      | —                                                                                                                                                                                                                                                                     | Touch [SET].<br>(A beep sounds, and then another beeps sound 3 sec. later.)  |
|                           | 3 • Display: "ALC 50M"<br>• Transmit (automatic)     |                                                                                                                                                                                                                                                                       |                                                                              |
| Only for [#03, 05 and 06] | 4 • Display: "ALC 70M"<br>• Transmit (automatic)     |                                                                                                                                                                                                                                                                       |                                                                              |
| <b>DRIVE AMP GAIN</b>     | 5 • Display: "DRIVE HF"<br>• Transmit (automatic)    | —                                                                                                                                                                                                                                                                     | Touch [SET].<br>(A beep sounds, and then another beeps sound 10 sec. later.) |
|                           | 6 • Display: "DRIVE 50M"<br>• Transmit (automatic)   |                                                                                                                                                                                                                                                                       | Touch [SET].<br>(A beep sounds, and then another beeps sound 3 sec. later.)  |
|                           | 7 • Display: "DRIVE 70M"<br>• Transmit (automatic)   |                                                                                                                                                                                                                                                                       | Touch [SET].<br>(A beep sounds, and then another beeps sound 1 sec. later.)  |
| <b>SWR METER</b>          | 8 • Display: "SWR2 (HF)"<br>• Transmit (automatic)   | • Connect the 50 Ω dummy load to the antenna connector.                                                                                                                                                                                                               | Touch [SET].<br>(A beep sounds, and then another beeps sound 3 sec. later.)  |
|                           | 9 • Display: "SWR2 (50M)"<br>• Transmit (automatic)  |                                                                                                                                                                                                                                                                       |                                                                              |
| Only for [#03, 05 and 06] | 10 • Display: "SWR2 (70M)"<br>• Transmit (automatic) |                                                                                                                                                                                                                                                                       |                                                                              |
| <b>ID APC</b>             | 11 • Display: "ID-APC"<br>• Transmit (automatic)     | —                                                                                                                                                                                                                                                                     | Touch [SET].<br>(A beep sounds, and then another beeps sound 2 sec. later.)  |
|                           | • Push [EXIT] to return to the main adjustment menu. |                                                                                                                                                                                                                                                                       |                                                                              |

## 4-6 FREQUENCY ADJUSTMENTS

- Touch [TUNER/REF] on the main adjustment menu screen.

**NOTE:** The transceiver automatically transmits when a TX adjustment item is selected.

| ADJUSTMENT ITEM                                                |   | TRANSCIVER'S CONDITION                                   | OPERATION                                                                                                                                    | VALUE                                                                                       |
|----------------------------------------------------------------|---|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| PREPARATION                                                    | 1 | –                                                        | 1) Connect the power meter to the antenna connector.<br>2) Touch [TUNER/REF].<br>(Enters to the [TUNER/REF ADJ.] menu.)<br>3) Touch [TUNER]. | Touch [TUNER/REF].<br>(Enters to the [TUNER/REF ADJ.] menu.)                                |
| TUNER REFERENCE<br>VOLTAGE ADJUSTMENT<br>(HF and 50 MHz bands) | 2 | • Display: "Tune IREFV HF 50M"<br>• Transmit (automatic) | –                                                                                                                                            | Touch [SET].<br>(A beep sounds, and then another beeps sound 11 sec. later.)                |
| (70 MHz band)<br>Only for [#03, 05 and 06]                     | 3 | • Display: "Tune IREFV HF 70M"<br>• Transmit (automatic) |                                                                                                                                              | Touch [SET].<br>(A beep sounds, and then another beeps sound 1 sec. later.)                 |
| REFERENCE<br>FREQUENCY                                         | 4 | –                                                        | 1) Connect the frequency counter to the antenna connector, through the 50 dB attenuator.<br>2) Touch [MENU] REF adjustment menu.             | –                                                                                           |
|                                                                | 5 | • Display: "REF OSC"<br>• Transmit (automatic)           | 1) Set the transmit frequency by rotating [MAIN DIAL].<br>2) Touch [SET].                                                                    | 50.100000 MHz<br>(±1.2 Hz)<br>(A beep sounds, and then another beeps sound 0.5 sec. later.) |
| • Push [EXIT] to return to the main adjustment menu.           |   |                                                          |                                                                                                                                              |                                                                                             |



## SECTION 5

## PARTS LIST

## [MAIN UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                        | M. | H/V LOCATION |
|---------|------------|------------------------------------|----|--------------|
| IC125   | 1110008550 | S.IC NJM2904CRB1-TE1-#HMZR         | T  | 28.5/70.4    |
| IC135   | 1110008550 | S.IC NJM2904CRB1-TE1-#HMZR         | T  | 34.3/73.7    |
| IC141   | 1130010550 | S.IC SN74AHC595PWR                 | T  | 58.5/53.2    |
| IC151   | 1110008550 | S.IC NJM2904CRB1-TE1-#HMZR         | T  | 27.0/77.1    |
| IC201   | 6910022360 | S.DC TPS62110RSAR                  | T  | 24.9/57.2    |
| IC211   | 1180004830 | S.REG XC6222A331MR-G               | T  | 30.0/45.3    |
| IC216   | 1180004830 | S.REG XC6222A331MR-G               | T  | 31.6/40.4    |
| IC221   | 6910024090 | S.DC ADP2370ACPZ-R7 <FE>           | T  | 34.7/51.5    |
| IC231   | 1180004390 | S.REG TLV70025DCKR                 | T  | 64.2/92.1    |
| IC241   | 1180004230 | S.REG XC6222A321MR-G               | T  | 67.1/4.5     |
| IC251   | 6910022360 | S.DC TPS62110RSAR                  | T  | 16.4/57.2    |
| IC261   | 6910022360 | S.DC TPS62110RSAR                  | T  | 9.6/44.7     |
| IC271   | 1180003500 | S.REG NJM7808DL1A-TE1-#FZZB        | T  | 6.6/15.1     |
| IC276   | 1180003500 | S.REG NJM7808DL1A-TE1-#FZZB        | T  | 17.8/9.5     |
| IC301   | 1140017540 | S.IC R7S721000VCFP                 | T  | 83.0/30.0    |
| IC351   | 1130016621 | S.IC GT24C128B-22LI-TR <MSK>       | T  | 109.5/23.5   |
| IC361   | 1110007780 | S.IC NJU7704F3-28A-TE1-#ZZZH       | T  | 96.5/10.0    |
| IC371   | 1110007780 | S.IC NJU7704F3-28A-TE1-#ZZZH       | T  | 57.3/31.5    |
| IC381   | 1130018410 | S.IC RX-8803LC UB                  | T  | 105.1/11.0   |
| IC391   | 1130018450 | S.IC EN25Q64-104HIP <MSK>          | T  | 106.7/43.6   |
| IC611   | 1180004490 | S.REG XC6209F332MR-G               | T  | 51.4/172.5   |
| IC621   | 1190002911 | S.IC TUSB2046BIVFRG4               | T  | 58.0/164.5   |
| IC641   | 1190002730 | S.IC CP2102-GMR <MAC>              | T  | 43.1/161.7   |
| IC661   | 1190002240 | S.IC PCM2901E/2K                   | T  | 55.5/151.0   |
| IC662   | 1130012260 | S.IC SN74AHC1G32DCKR               | T  | 51.5/157.4   |
| IC681   | 1130007021 | S.IC TC7566FU(TE85LF)              | T  | 39.6/150.7   |
| IC691   | 1130009581 | S.IC TC7W66FU(TE12LF)              | T  | 15.3/158.5   |
| IC701   | 1130018160 | S.IC 74VHC04FT(BE)                 | T  | 19.5/173.5   |
| IC721   | 1190003450 | S.IC MP7741DQ-LF-P<TKC>            | T  | 92.6/159.7   |
| IC791   | 1110008550 | S.IC NJM2904CRB1-TE1-#HMZR         | T  | 25.5/176.5   |
| IC901   | 1140015962 | S.IC TMS320C6745DPTPA3             | T  | 87.6/72.5    |
| IC902   | 1130018080 | S.IC EN25QH32A-104HIP <MSK>        | T  | 110.8/84.7   |
| IC961   | 1180004430 | S.REG XC6209F502MR-G               | T  | 38.0/160.5   |
| IC971   | 1110008060 | S.IC PCM1754DBQR                   | T  | 34.5/139.0   |
| IC972   | 1110008550 | S.IC NJM2904CRB1-TE1-#HMZR         | T  | 33.5/155.0   |
| IC991   | 1110008060 | S.IC PCM1754DBQR                   | T  | 51.5/134.9   |
| IC992   | 1110006570 | S.IC TS462CPT                      | T  | 45.0/144.5   |
| IC1001  | 1190004280 | S.IC PCM1802BQR                    | T  | 62.1/138.5   |
| IC1002  | 1110006570 | S.IC TS462CPT                      | T  | 71.3/142.8   |
| IC1003  | 1130009981 | S.IC TC7W53FK(TE85LF)              | T  | 72.9/133.7   |
| IC1211  | 1130012610 | S.IC SN74AHC1GU04DCKR              | T  | 50.3/93.6    |
| IC1212  | 1130017950 | S.IC SN65LVD51DBVR                 | T  | 50.3/97.8    |
| IC1221  | 1130011930 | S.IC SN74LVC1G04DCKR               | T  | 69.1/130.8   |
| IC1241  | 1180004430 | S.REG XC6209F502MR-G               | T  | 95.6/118.6   |
| IC1261  | -          | S.IC RF ADC                        | T  | 102.2/112.1  |
| IC1301  | -          | S.IC RF ADC                        | T  | 86.9/106.8   |
| IC1315  | 1130017950 | S.IC SN65LVD51DBVR                 | T  | 76.7/130.4   |
| IC1318  | 1180002020 | S.REG BA033FP-E2                   | T  | 102.6/101.8  |
| IC1321  | 1180004490 | S.REG XC6209F332MR-G               | T  | 88.2/129.1   |
| IC1325  | 1180004490 | S.REG XC6209F332MR-G               | T  | 70.2/86.9    |
| IC1331  | 1190004300 | S.IC ISL5857IAZ <MAC>              | T  | 72.9/123.6   |
| IC1351  | 1130016150 | S.IC EP4CE55F23I7N <ALT>           | T  | 50.0/113.0   |
| IC1401  | 1130018130 | S.IC 23LC1024T-I/SN <SEI>          | T  | 31.9/126.7   |
| Q45     | 1530004210 | S.TRA DSC7004S0L                   | T  | 15.1/74.3    |
| Q111    | 1550000260 | S.FET RZR040P01TL                  | T  | 73.5/7.5     |
| Q112    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 67.0/7.5     |
| Q641    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 44.6/168.0   |
| Q642    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 42.3/167.3   |
| Q643    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 56.7/172.7   |
| Q644    | 1590004310 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 45.2/155.2   |
| Q645    | 1590004310 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 41.0/155.2   |
| Q661    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 54.3/158.2   |
| Q691    | 1530004140 | S.TRA L2SC4081RT1G <SLVJ>          | T  | 23.0/159.3   |
| Q692    | 1510001200 | S.TRA L2SA1576ART1G <SLVJ>         | T  | 20.5/167.1   |
| Q711    | 1530004140 | S.TRA L2SC4081RT1G <SLVJ>          | T  | 20.5/159.3   |
| Q712    | 1510001200 | S.TRA L2SA1576ART1G <SLVJ>         | T  | 20.3/167.1   |
| Q746    | 1550000240 | S.FET TPCF8107(TE85LF)             | T  | 105.5/171.8  |
| Q747    | 1560001730 | S.FET RUE002N02 TL                 | T  | 102.0/167.9  |
| Q801    | 1590004310 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 29.1/159.7   |
| Q802    | 1530004140 | S.TRA L2SC4081RT1G <SLVJ>          | T  | 27.1/156.5   |
| Q803    | 1530004210 | S.TRA DSC7004S0L                   | T  | 29.0/166.5   |
| Q821    | 1530004140 | S.TRA L2SC4081RT1G <SLVJ>          | T  | 24.5/183.0   |
| Q831    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 24.5/186.4   |
| Q851    | 1590004310 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 15.6/164.5   |
| Q852    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 18.1/164.5   |
| Q971    | 1530004140 | S.TRA L2SC4081RT1G <SLVJ>          | T  | 33.1/161.3   |
| Q972    | 1530004140 | S.TRA L2SC4081RT1G <SLVJ>          | T  | 30.6/151.0   |
| Q1001   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 71.5/136.9   |
| Q1201   | 1530004340 | S.TRA 2SC3356L-B-AE3-R <SLVJ>      | T  | 49.0/85.0    |
| Q1202   | 1510001200 | S.TRA L2SA1576ART1G <SLVJ>         | T  | 53.0/85.0    |
| Q1231   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 96.5/122.5   |
| Q1232   | 1590004310 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 96.1/124.8   |
| Q1234   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 94.2/122.5   |
| Q1235   | 1590004310 | S.TRA LDTC143ZET1G <SLVJ>          | T  | 92.1/124.8   |
| D151    | 1750001810 | S.DIO L1SS400T1G <SLVJ>            | T  | 23.6/75.8    |
| D152    | 1750001810 | S.DIO L1SS400T1G <SLVJ>            | T  | 29.4/74.8    |
| D241    | 1750002110 | S.DIO LRB551V-30T1G <SLVJ>         | T  | 64.7/7.5     |
| D381    | 1750001810 | S.DIO L1SS400T1G <SLVJ>            | T  | 100.5/8.9    |
| D401    | 1750001810 | S.DIO L1SS400T1G <SLVJ>            | T  | 107.2/28.6   |
| D402    | 1750001810 | S.DIO L1SS400T1G <SLVJ>            | T  | 109.7/28.6   |
| D403    | 1750001810 | S.DIO L1SS400T1G <SLVJ>            | T  | 112.2/28.6   |
| D404    | 1750001810 | S.DIO L1SS400T1G <SLVJ> Only [#12] | T  | 107.2/29.8   |
| D405    | 1750001810 | S.DIO L1SS400T1G <SLVJ>            | T  | 109.7/29.8   |

## [MAIN UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION |                                 |       | M. | H/V LOCATION |
|---------|------------|-------------|---------------------------------|-------|----|--------------|
| D407    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               | [#05] | T  | 107.2/31.0   |
|         | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               | [#06] |    |              |
|         | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               | [#07] |    |              |
|         | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               | [#08] |    |              |
| D408    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               |       | T  | 109.7/31.0   |
| D410    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               | [#03] | T  | 107.2/32.2   |
|         | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               | [#07] |    |              |
|         | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               | [#08] |    |              |
| D411    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               |       | T  | 109.7/32.2   |
| D413    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               | [#06] | T  | 107.2/33.4   |
|         | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               | [#08] |    |              |
|         | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               | [#12] |    |              |
| D414    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               |       | T  | 109.7/33.4   |
| D416    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               |       | T  | 107.2/34.6   |
| D417    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               | [#03] | T  | 109.7/34.6   |
|         | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               | [#05] |    |              |
|         | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               | [#06] |    |              |
| D419    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               |       | T  | 107.2/35.8   |
| D420    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ> Only          | [#01] | T  | 109.7/35.8   |
| D422    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               |       | T  | 107.2/37.0   |
| D423    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ> Only          | [#01] | T  | 109.7/37.0   |
| D431    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 63.7/47.6    |
| D432    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 66.3/47.6    |
| D451    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 51.0/30.6    |
| D452    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 53.5/30.6    |
| D453    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 45.8/30.6    |
| D454    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 46.0/30.6    |
| D455    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 53.3/35.7    |
| D456    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 50.8/35.7    |
| D457    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 48.3/35.7    |
| D458    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 45.8/35.7    |
| D621    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 66.4/172.7   |
| D622    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 62.1/172.7   |
| D691    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               |       | T  | 21.1/162.2   |
| D711    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               |       | T  | 22.4/162.2   |
| D721    | 1750002130 | S.ZEN       | DZ2J062M0L                      |       | T  | 93.7/154.8   |
| D722    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               |       | T  | 90.6/154.8   |
| D801    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               |       | T  | 27.1/162.5   |
| D821    | 1750001810 | S.DIO       | L1SS400T1G <SLVJ>               |       | T  | 29.4/183.0   |
| D841    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 15.5/178.2   |
| D851    | 1750001820 | S.DIO       | LRB706F-40T1G <SLVJ>            |       | T  | 15.5/168.5   |
| D1231   | 1790001622 | S.DIO       | 1SV308L3F(T                     |       | T  | 107.7/123.7  |
| D1232   | 1790001622 | S.DIO       | 1SV308L3F(T                     |       | T  | 104.9/129.4  |
| D1251   | 1750003070 | S.DIO       | BAP70Q <RYO>                    |       | T  | 105.6/118.7  |
| FI1221  | 2010002660 | S.XTA       | DSF334SAF 124.032 MHz (FL-391)  |       | T  | 63.6/128.2   |
| X301    | 6050014170 | S.XTA       | CR-1017 S3225A 48.000 MHz <YOK> |       | T  | 60.6/24.4    |
| X621    | 6050014180 | S.XTA       | CR-1019 S7050A 6.000 MHz <YOK>  |       | T  | 67.4/163.7   |
| X661    | 6050014190 | S.XTA       | CR-1020 S3225A 12.000 MHz <YOK> |       | T  | 54.9/141.8   |
| X901    | 6050014200 | S.XTA       | CR-1021 S3225A 12.288 MHz <YOK> |       | T  | 107.2/66.4   |
| X1201   | 6050013360 | S.XTA       | CR-932 XTCHH 41.344 MHz         |       | T  | 50.0/78.2    |
| L221    | 6200014470 | S.COI       | LQH44PN100MP0L                  |       | T  | 35.2/45.0    |
| L222    | 6190002110 | S.COI       | 7E03LA-2R7N-RB-Q231             |       | T  | 33.4/55.5    |
| L251    | 6180003501 | S.COI       | SLF6028T-100M1R3-PF             |       | T  | 16.1/51.2    |
| L252    | 6200014470 | S.COI       | LQH44PN100MP0L                  |       | T  | 14.1/41.6    |
| L261    | 6200014470 | S.COI       | LQH44PN100MP0L                  |       | T  | 5.1/42.4     |
| L262    | 6180003501 | S.COI       | SLF6028T-100M1R3-PF             |       | T  | 9.1/50.8     |
| L263    | 6200014470 | S.COI       | LQH44PN100MP0L                  |       | T  | 9.1/56.6     |
| L721    | 6200014460 | S.COI       | SLF12555T-680M1R3-PF            |       | T  | 80.0/156.5   |
| L731    | 6200014430 | S.COI       | YC12575T*330MS <VKH>            |       | T  | 95.5/145.8   |
| L732    | 6200014430 | S.COI       | YC12575T*330MS <VKH>            |       | T  | 104.9/159.0  |
| L1231   | 6200016010 | S.COI       | NLFV25T-101K-PF                 |       | T  | 101.1/123.4  |
| L1232   | 6200016010 | S.COI       | NLFV25T-101K-PF                 |       | T  | 104.7/121.9  |
| L1233   | 6200016010 | S.COI       | NLFV25T-101K-PF                 |       | T  | 101.8/127.7  |
| L1251   | 6200016010 | S.COI       | NLFV25T-101K-PF                 |       | T  | 110.7/122.1  |
| L1252   | 6200016010 | S.COI       | NLFV25T-101K-PF                 |       | T  | 110.7/119.6  |
| L1253   | 6200016010 | S.COI       | NLFV25T-101K-PF                 |       | T  | 110.7/117.1  |
| L1261   | 6140004680 | S.COI       | LR-528 4KBL                     |       | T  | 109.2/111.1  |
| L1281   | 6200011680 | S.COI       | LQW18ANR12G00D                  |       | T  | 97.2/129.4   |
| L1282   | 6200011680 | S.COI       | LQW18ANR12G00D                  |       | T  | 95.2/128.7   |
| L1331   | 6140005470 | S.COI       | LR-592 4KBL-S130709             |       | T  | 86.5/122.7   |
| R4      | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)             |       | T  | 22.3/90.7    |
| R10     | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)             |       | T  | 22.3/96.1    |
| R12     | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)             |       | T  | 22.3/97.9    |
| R13     | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)             |       | T  | 22.3/98.8    |
| R15     | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)             |       | T  | 21.7/100.6   |
| R16     | 7030009530 | S.RES       | ERJ2GEJ 270 X (27)              |       | T  | 21.7/101.5   |
| R17     | 7030009530 | S.RES       | ERJ2GEJ 270 X (27)              |       | T  | 21.7/102.4   |
| R18     | 7030009530 | S.RES       | ERJ2GEJ 270 X (27)              |       | T  | 21.7/103.3   |
| R24     | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)             |       | T  | 23.6/127.6   |
| R25     | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)             |       | T  | 23.6/126.7   |
| R26     | 7030009530 | S.RES       | ERJ2GEJ 270 X (27)              |       | T  | 23.6/125.8   |
| R27     | 7030009530 | S.RES       | ERJ2GEJ 270 X (27)              |       | T  | 23.6/124.9   |
| R28     | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)             |       | T  | 23.6/124.0   |
| R29     | 7030009530 | S.RES       | ERJ2GEJ 270 X (27)              |       | T  | 23.6/123.1   |
| R30     | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)             |       | T  | 23.2/122.2   |

## [MAIN UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                | M. | H/V LOCATION |
|---------|------------|----------------------------|----|--------------|
| R31     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 22.8/121.3   |
| R40     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 35.0/78.4    |
| R41     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 34.4/80.0    |
| R45     | 7030005000 | S.RES ERJ2GEJ 471 X (470)  | T  | 15.8/77.3    |
| R53     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 13.3/31.4    |
| R54     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 13.3/30.5    |
| R55     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 13.3/29.6    |
| R56     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 13.3/28.7    |
| R57     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 13.3/27.8    |
| R64     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 14.3/19.1    |
| R71     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 25.8/13.0    |
| R72     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 26.3/7.0     |
| R73     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 26.8/13.0    |
| R74     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 27.3/7.0     |
| R75     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 28.3/16.3    |
| R78     | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 29.3/6.3     |
| R79     | 7030010040 | S.RES ERJ2GEJ-JPW          | T  | 29.9/16.3    |
| R80     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 30.4/3.9     |
| R81     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 31.1/16.3    |
| R82     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 31.6/3.9     |
| R83     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 32.3/16.3    |
| R84     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 32.8/3.9     |
| R85     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 33.5/16.3    |
| R86     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 34.0/3.9     |
| R87     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 34.7/16.3    |
| R88     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 35.2/3.9     |
| R89     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 35.9/16.3    |
| R90     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 36.4/3.9     |
| R91     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 37.1/16.3    |
| R92     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 37.6/3.9     |
| R93     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 38.3/16.3    |
| R94     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 38.8/3.9     |
| R95     | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 39.5/16.3    |
| R101    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 80.1/4.3     |
| R102    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 80.2/10.1    |
| R103    | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 81.1/4.3     |
| R104    | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 82.0/10.1    |
| R105    | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 83.7/10.1    |
| R107    | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 84.1/4.3     |
| R108    | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 87.1/8.5     |
| R109    | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T  | 85.1/4.3     |
| R110    | 7410001340 | S.ARR EXB28V473JX          | T  | 76.5/7.5     |
| R111    | 7410001340 | S.ARR EXB28V473JX          | T  | 90.8/10.1    |
| R112    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 69.8/7.5     |
| R113    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | T  | 68.8/7.5     |
| R121    | 7410001230 | S.ARR EXB28V101JX          | T  | 52.7/66.5    |
| R122    | 7410001230 | S.ARR EXB28V101JX          | T  | 52.6/63.4    |
| R123    | 7410001230 | S.ARR EXB28V101JX          | T  | 52.6/60.9    |
| R125    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 26.1/68.6    |
| R127    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 30.8/68.3    |
| R131    | 7030006610 | S.RES ERJ2GEJ 394 X (390K) | T  | 25.4/70.1    |
| R132    | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 25.4/71.0    |
| R133    | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 25.4/71.8    |
| R134    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 24.2/69.6    |
| R135    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 36.5/74.4    |
| R136    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 31.9/72.9    |
| R137    | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 35.1/70.6    |
| R138    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 31.8/74.1    |
| R139    | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 36.5/75.8    |
| R151    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 24.7/73.5    |
| R152    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 31.1/76.3    |
| R153    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 31.1/77.9    |
| R154    | 7030007340 | S.RES ERJ2GEJ 153 X (15K)  | T  | 30.2/77.9    |
| R155    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | T  | 23.1/77.8    |
| R156    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 23.6/79.9    |
| R157    | 7030008290 | S.RES ERJ2GEJ 183 X (18K)  | T  | 23.1/78.7    |
| R158    | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 30.2/76.3    |
| R159    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 22.5/74.6    |
| R160    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 27.3/74.8    |
| R202    | 7030010040 | S.RES ERJ2GEJ-JPW          | T  | 27.1/60.5    |
| R203    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 26.2/60.5    |
| R204    | 7030010080 | S.RES ERJ2RHD 1003X (100K) | T  | 23.5/44.7    |
| R205    | 7030013680 | S.RES ERJ2RHD 3902X (39K)  | T  | 23.5/46.3    |
| R221    | 7030010040 | S.RES ERJ2GEJ-JPW          | T  | 36.5/49.3    |
| R223    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 34.6/48.4    |
| R225    | 7030005681 | S.RES ERA3YKD 473V (47K)   | T  | 34.7/58.0    |
| R226    | 7030010080 | S.RES ERJ2RHD 1003X (100K) | T  | 36.7/57.2    |
| R241    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 63.7/4.5     |
| R242    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 63.3/7.6     |
| R243    | 7030005000 | S.RES ERJ2GEJ 471 X (470)  | T  | 62.3/7.6     |
| R251    | 7030010040 | S.RES ERJ2GEJ-JPW          | T  | 17.1/60.5    |
| R253    | 7030012260 | S.RES ERJ2RKD 4703X (470K) | T  | 14.0/44.6    |
| R254    | 7030013680 | S.RES ERJ2RHD 3902X (39K)  | T  | 14.0/46.4    |
| R255    | 7030010080 | S.RES ERJ2RHD 1003X (100K) | T  | 14.0/47.3    |
| R262    | 7030010040 | S.RES ERJ2GEJ-JPW          | T  | 7.9/41.5     |
| R263    | 7030007051 | S.RES ERA3YKD 513V (51K)   | T  | 12.5/59.3    |
| R264    | 7030010040 | S.RES ERJ2GEJ-JPW          | T  | 12.1/57.3    |
| R265    | 7030014250 | S.RES ERJ2RKFS5603X (560K) | T  | 12.1/56.4    |
| R271    | 7030014120 | S.RES LTR50U2PJ6R8         | T  | 2.6/32.2     |
| R276    | 7030013960 | S.RES LTR50U2PJ100         | T  | 22.3/17.9    |
| R302    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 101.0/22.5   |
| R303    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 101.0/40.0   |
| R304    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 90.0/46.5    |
| R305    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 84.5/49.2    |
| R308    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 82.0/49.2    |
| R309    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 80.8/49.3    |
| R310    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 80.8/48.4    |
| R311    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 70.4/12.0    |
| R312    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 64.0/21.9    |
| R313    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 65.9/24.6    |
| R314    | 7030009290 | S.RES ERJ2GEJ 562 X (5.6K) | T  | 65.9/28.2    |
| R315    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 65.7/37.4    |
| R317    | 7030005000 | S.RES ERJ2GEJ 471 X (470)  | T  | 62.6/23.5    |
| R351    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 104.0/23.5   |
| R352    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 105.0/23.5   |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

## [MAIN UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                 | M. | H/V LOCATION |
|---------|------------|-----------------------------|----|--------------|
| R361    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 96.6/12.3    |
| R362    | 7030005720 | S.RES ERJ2GEJ 563 X (56K)   | T  | 92.7/10.0    |
| R363    | 7030005220 | S.RES ERJ2GEJ 223 X (22K)   | T  | 93.7/10.0    |
| R371    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)   | T  | 55.3/31.1    |
| R372    | 7030005070 | S.RES ERJ2GEJ 683 X (68K)   | T  | 57.5/28.7    |
| R373    | 7030009290 | S.RES ERJ2GEJ 562 X (5.6K)  | T  | 57.5/29.7    |
| R382    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3K)  | T  | 100.1/7.6    |
| R383    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K)  | T  | 100.1/9.9    |
| R384    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K)  | T  | 100.1/10.8   |
| R385    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 100.1/11.7   |
| R391    | 7410001340 | S.ARR EXB28V473JX           | T  | 108.8/39.3   |
| R392    | 7410001340 | S.ARR EXB28V473JX           | T  | 100.6/43.9   |
| R401    | 7410001340 | S.ARR EXB28V473JX           | T  | 107.2/26.5   |
| R431    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)    | T  | 64.1/50.5    |
| R432    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)    | T  | 68.0/49.0    |
| R433    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 65.8/49.6    |
| R434    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 64.1/49.6    |
| R435    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 90.1/50.2    |
| R437    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 91.0/50.2    |
| R438    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 99.3/42.0    |
| R439    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 101.0/21.5   |
| R441    | 7410001220 | S.ARR EXB28V103JX           | T  | 86.6/49.3    |
| R442    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 65.9/52.9    |
| R451    | 7410001130 | S.ARR EXB28V102JX           | T  | 54.8/40.0    |
| R452    | 7410001340 | S.ARR EXB28V473JX           | T  | 54.8/43.7    |
| R453    | 7410001130 | S.ARR EXB28V102JX           | T  | 52.3/40.0    |
| R454    | 7410001130 | S.ARR EXB28V102JX           | T  | 52.3/43.7    |
| R455    | 7030013140 | S.RES ERJ2RKJF 1001X (1K)   | T  | 50.5/41.9    |
| R456    | 7030012490 | S.RES ERJ2RKJF 4701X (4.7K) | T  | 50.5/40.1    |
| R491    | 7410001220 | S.ARR EXB28V103JX           | T  | 104.6/16.3   |
| R492    | 7030005090 | S.RES ERJ2GEJ 104 X (100K)  | T  | 104.6/14.5   |
| R493    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)   | T  | 112.4/16.7   |
| R501    | 7410001140 | S.ARR EXB28V104JX           | T  | 78.7/51.7    |
| R502    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 67.5/52.9    |
| R503    | 7410001140 | S.ARR EXB28V104JX           | T  | 74.8/51.4    |
| R504    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 84.5/51.4    |
| R505    | 7410001140 | S.ARR EXB28V104JX           | T  | 72.2/51.4    |
| R506    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 98.7/44.0    |
| R507    | 7410001140 | S.ARR EXB28V104JX           | T  | 91.2/52.1    |
| R508    | 7410001140 | S.ARR EXB28V104JX           | T  | 98.7/51.9    |
| R511    | 7030007250 | S.RES ERJ2GEJ 220 X (22)    | T  | 95.4/52.5    |
| R512    | 7030007250 | S.RES ERJ2GEJ 220 X (22)    | T  | 96.3/52.5    |
| R601    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)    | T  | 58.5/173.5   |
| R621    | 7030009530 | S.RES ERJ2GEJ 270 X (27)    | T  | 64.3/172.7   |
| R622    | 7030009530 | S.RES ERJ2GEJ 270 X (27)    | T  | 60.0/172.7   |
| R623    | 7030005090 | S.RES ERJ2GEJ 104 X (100K)  | T  | 58.5/172.5   |
| R624    | 7030005030 | S.RES ERJ2GEJ 152 X (1.5K)  | T  | 64.7/170.9   |
| R625    | 7030005030 | S.RES ERJ2GEJ 152 X (1.5K)  | T  | 64.1/163.6   |
| R626    | 7030005160 | S.RES ERJ2GEJ 105 X (1M)    | T  | 64.1/165.4   |
| R627    | 7030007340 | S.RES ERJ2GEJ 153 X (15K)   | T  | 50.1/166.0   |
| R628    | 7030007340 | S.RES ERJ2GEJ 153 X (15K)   | T  | 50.1/164.0   |
| R629    | 7030009530 | S.RES ERJ2GEJ 270 X (27)    | T  | 51.5/165.5   |
| R630    | 7030009530 | S.RES ERJ2GEJ 270 X (27)    | T  | 51.5/164.5   |
| R631    | 7030009530 | S.RES ERJ2GEJ 270 X (27)    | T  | 59.0/158.0   |
| R632    | 7030007340 | S.RES ERJ2GEJ 153 X (15K)   | T  | 58.5/156.6   |
| R633    | 7030009530 | S.RES ERJ2GEJ 270 X (27)    | T  | 60.0/158.0   |
| R634    | 7030007340 | S.RES ERJ2GEJ 153 X (15K)   | T  | 60.4/156.6   |
| R635    | 7030005030 | S.RES ERJ2GEJ 152 X (1.5K)  | T  | 54.3/156.6   |
| R641    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)   | T  | 44.6/166.2   |
| R642    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K)  | T  | 44.6/165.2   |
| R643    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)   | T  | 41.0/158.2   |
| R644    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)   | T  | 45.2/158.2   |
| R645    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 55.1/172.3   |
| R646    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 40.7/167.3   |
| R647    | 7030007250 | S.RES ERJ2GEJ 220 X (22)    | T  | 43.6/154.3   |
| R648    | 7030007250 | S.RES ERJ2GEJ 220 X (22)    | T  | 42.6/154.3   |
| R649    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 45.2/153.4   |
| R650    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)   | T  | 42.6/152.5   |
| R651    | 7030005090 | S.RES ERJ2GEJ 104 X (100K)  | T  | 42.6/156.1   |
| R652    | 7030005090 | S.RES ERJ2GEJ 104 X (100K)  | T  | 43.6/156.1   |
| R653    | 7030007250 | S.RES ERJ2GEJ 220 X (22)    | T  | 45.2/157.0   |
| R654    | 7030007250 | S.RES ERJ2GEJ 220 X (22)    | T  | 41.0/157.0   |
| R661    | 7030005160 | S.RES ERJ2GEJ 105 X (1M)    | T  | 49.7/160.3   |
| R662    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)    | T  | 54.0/143.9   |
| R663    | 7030005160 | S.RES ERJ2GEJ 105 X (1M)    | T  | 54.0/144.9   |
| R664    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)   | T  | 49.7/159.3   |
| R681    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)   | T  | 39.6/147.4   |
| R682    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)   | T  | 41.4/148.9   |



[MAIN UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                | M. | H/V LOCATION |
|---------|------------|----------------------------|----|--------------|
| R730    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 92.9/163.7   |
| R731    | 7030005530 | S.RES ERJ2GEJ 100 X (10)   | T  | 96.2/155.8   |
| R732    | 7030005530 | S.RES ERJ2GEJ 100 X (10)   | T  | 97.3/161.3   |
| R733    | 7030007290 | S.RES ERJ2GEJ 222 X (2.2K) | T  | 111.5/168.2  |
| R746    | 7030005110 | S.RES ERJ2GEJ 224 X (220K) | T  | 105.5/168.4  |
| R747    | 7030005110 | S.RES ERJ2GEJ 224 X (220K) | T  | 103.9/168.4  |
| R748    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 99.2/168.1   |
| R749    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | T  | 104.7/174.0  |
| R750    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 102.8/169.3  |
| R751    | 7030007280 | S.RES ERJ2GEJ 331 X (330)  | T  | 104.7/176.0  |
| R761    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | T  | 90.9/173.6   |
| R790    | 7030010080 | S.RES ERJ2RHD 1003X (100K) | T  | 22.9/179.7   |
| R791    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 27.1/174.3   |
| R792    | 7030010080 | S.RES ERJ2RHD 1003X (100K) | T  | 21.7/180.2   |
| R793    | 7030005080 | S.RES ERJ2GEJ 823 X (82K)  | T  | 22.4/178.7   |
| R794    | 7030012270 | S.RES ERJ2RDK 1203X (120K) | T  | 24.5/179.7   |
| R795    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 24.5/178.7   |
| R796    | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 29.4/175.0   |
| R797    | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 29.4/176.0   |
| R798    | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 29.4/177.0   |
| R799    | 7030005000 | S.RES ERJ2GEJ 471 X (470)  | T  | 29.4/178.0   |
| R801    | 7030007270 | S.RES ERJ2GEJ 151 X (150)  | T  | 29.1/161.5   |
| R802    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 29.1/155.6   |
| R803    | 7030007340 | S.RES ERJ2GEJ 153 X (15K)  | T  | 27.1/158.6   |
| R804    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 29.1/162.5   |
| R805    | 7030005060 | S.RES ERJ2GEJ 333 X (33K)  | T  | 27.1/159.6   |
| R806    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 27.1/160.6   |
| R811    | 7030009140 | S.RES ERJ2GEJ 272 X (2.7K) | T  | 37.6/154.4   |
| R812    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 38.5/155.3   |
| R821    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 24.5/181.0   |
| R822    | 7030007340 | S.RES ERJ2GEJ 153 X (15K)  | T  | 22.4/183.0   |
| R823    | 7030005060 | S.RES ERJ2GEJ 333 X (33K)  | T  | 24.5/184.8   |
| R824    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 27.0/184.0   |
| R831    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 29.4/186.0   |
| R841    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 19.8/179.2   |
| R842    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 18.0/178.2   |
| R843    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | T  | 19.8/178.2   |
| R851    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 15.5/176.4   |
| R852    | 7030005160 | S.RES ERJ2GEJ 105 X (1M)   | T  | 16.2/171.0   |
| R853    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | T  | 18.0/166.2   |
| R901    | 7030005160 | S.RES ERJ2GEJ 105 X (1M)   | T  | 104.2/67.0   |
| R902    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | T  | 102.8/68.3   |
| R905    | 7030007250 | S.RES ERJ2GEJ 220 X (22)   | T  | 104.7/76.0   |
| R906    | 7030007250 | S.RES ERJ2GEJ 220 X (22)   | T  | 104.8/76.9   |
| R907    | 7030007250 | S.RES ERJ2GEJ 220 X (22)   | T  | 104.8/78.2   |
| R908    | 7030007250 | S.RES ERJ2GEJ 220 X (22)   | T  | 102.8/82.4   |
| R909    | 7030007250 | S.RES ERJ2GEJ 220 X (22)   | T  | 102.8/83.3   |
| R910    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 105.1/67.0   |
| R912    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 99.0/88.4    |
| R913    | 7030008290 | S.RES ERJ2GEJ 183 X (18K)  | T  | 93.5/87.7    |
| R914    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 99.0/87.4    |
| R915    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 90.4/89.6    |
| R916    | 7030008290 | S.RES ERJ2GEJ 183 X (18K)  | T  | 90.5/87.7    |
| R917    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 92.4/87.7    |
| R921    | 7410001240 | S.ARR EXB28V220JX          | T  | 97.2/90.1    |
| R922    | 7410001230 | S.ARR EXB28V101JX          | T  | 95.1/55.0    |
| R923    | 7030007250 | S.RES ERJ2GEJ 220 X (22)   | T  | 91.7/90.1    |
| R924    | 7410001230 | S.ARR EXB28V101JX          | T  | 91.2/55.3    |
| R925    | 7410001230 | S.ARR EXB28V101JX          | T  | 88.7/55.3    |
| R926    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 108.6/91.5   |
| R927    | 7410001240 | S.ARR EXB28V220JX          | T  | 110.4/91.6   |
| R928    | 7410001230 | S.ARR EXB28V101JX          | T  | 81.1/55.4    |
| R929    | 7030007250 | S.RES ERJ2GEJ 220 X (22)   | T  | 110.2/78.9   |
| R930    | 7030007250 | S.RES ERJ2GEJ 220 X (22)   | T  | 108.9/78.9   |
| R932    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | T  | 94.4/89.5    |
| R933    | 7030008290 | S.RES ERJ2GEJ 183 X (18K)  | T  | 88.1/88.2    |
| R935    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | T  | 89.6/87.7    |
| R971    | 7410001240 | S.ARR EXB28V220JX          | T  | 38.8/137.3   |
| R972    | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 35.3/158.5   |
| R973    | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 35.7/155.0   |
| R974    | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 34.1/150.5   |
| R975    | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 33.6/149.1   |
| R976    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 32.0/159.0   |
| R977    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 31.1/152.8   |
| R978    | 7030013680 | S.RES ERJ2RHD 3902X (39K)  | T  | 33.5/158.5   |
| R979    | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 32.7/151.0   |
| R980    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 33.5/159.4   |
| R981    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 30.6/149.2   |
| R982    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 31.3/157.4   |
| R991    | 7410001240 | S.ARR EXB28V220JX          | T  | 55.5/134.8   |
| R992    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 40.5/143.4   |
| R993    | 7030009270 | S.RES ERJ2GEJ 821 X (820)  | T  | 44.1/138.7   |
| R994    | 7030008410 | S.RES ERJ2GEJ 392 X (3.9K) | T  | 48.6/139.2   |
| R995    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 43.9/141.0   |
| R996    | 7030008010 | S.RES ERJ2GEJ 123 X (12K)  | T  | 46.2/141.1   |
| R997    | 7030005210 | S.RES ERJ2GEJ 822 X (8.2K) | T  | 42.3/141.0   |
| R998    | 7030008410 | S.RES ERJ2GEJ 392 X (3.9K) | T  | 48.0/141.1   |
| R999    | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 41.7/142.2   |
| R1000   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 48.0/142.1   |
| R1001   | 7410001240 | S.ARR EXB28V220JX          | T  | 57.0/137.3   |
| R1002   | 7030007250 | S.RES ERJ2GEJ 220 X (22)   | T  | 57.0/139.1   |
| R1003   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 68.4/144.8   |
| R1004   | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 67.0/137.2   |
| R1005   | 7030008290 | S.RES ERJ2GEJ 183 X (18K)  | T  | 74.1/139.6   |
| R1006   | 7030008290 | S.RES ERJ2GEJ 183 X (18K)  | T  | 74.1/140.5   |
| R1007   | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 67.7/147.6   |
| R1008   | 7030008010 | S.RES ERJ2GEJ 123 X (12K)  | T  | 68.4/138.2   |
| R1009   | 7030007570 | S.RES ERJ2GEJ 122 X (1.2K) | T  | 68.7/147.6   |
| R1010   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 74.1/138.7   |
| R1011   | 7030007340 | S.RES ERJ2GEJ 153 X (15K)  | T  | 70.2/138.2   |
| R1012   | 7030005070 | S.RES ERJ2GEJ 683 X (68K)  | T  | 70.7/147.6   |
| R1013   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 69.7/136.7   |
| R1015   | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T  | 71.7/147.6   |
| R1016   | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 73.2/136.5   |
| R1017   | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 75.4/136.2   |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

[MAIN UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                | M. | H/V LOCATION |
|---------|------------|----------------------------|----|--------------|
| R1018   | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T  | 76.4/136.2   |
| R1019   | 7030008290 | S.RES ERJ2GEJ 183 X (18K)  | T  | 74.4/136.2   |
| R1020   | 7030010040 | S.RES ERJ2GEJ-JPW          | T  | 77.4/136.2   |
| R1021   | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | T  | 71.2/148.9   |
| R1022   | 7030004990 | S.RES ERJ2GEJ 221 X (220)  | T  | 62.0/152.8   |
| R1201   | 7030005060 | S.RES ERJ2GEJ 333 X (33K)  | T  | 51.6/75.3    |
| R1202   | 7030005720 | S.RES ERJ2GEJ 563 X (56K)  | T  | 51.6/76.2    |
| R1203   | 7030005070 | S.RES ERJ2GEJ 683 X (68K)  | T  | 50.4/75.8    |
| R1204   | 7030007340 | S.RES ERJ2GEJ 153 X (15K)  | T  | 46.8/85.0    |
| R1205   | 7030008290 | S.RES ERJ2GEJ 183 X (18K)  | T  | 49.0/82.8    |
| R1206   | 7030005000 | S.RES ERJ2GEJ 471 X (470)  | T  | 50.8/82.8    |
| R1207   | 7030004990 | S.RES ERJ2GEJ 221 X (220)  | T  | 51.2/84.1    |
| R1211   | 7030004970 | S.RES ERJ2GEJ 470 X (47)   | T  | 52.0/90.1    |
| R1212   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 52.0/93.7    |
| R1213   | 7030004970 | S.RES ERJ2GEJ 470 X (47)   | T  | 50.6/95.6    |
| R1221   | 7030004970 | S.RES ERJ2GEJ 470 X (47)   | T  | 60.0/128.1   |
| R1222   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 69.6/129.1   |
| R1223   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 65.0/130.9   |
| R1224   | 7030010040 | S.RES ERJ2GEJ-JPW          | T  | 67.2/130.4   |
| R1225   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 61.2/127.4   |
| R1231   | 7030012990 | S.RES ERJ8GEYJ 561V (560)  | T  | 104.6/124.2  |
| R1232   | 7030009160 | S.RES ERJ2GEJ 181 X (180)  | T  | 107.2/122.1  |
| R1233   | 7030009160 | S.RES ERJ2GEJ 181 X (180)  | T  | 104.1/128.1  |
| R1236   | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 93.6/124.5   |
| R1238   | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T  | 98.5/124.5   |
| R1251   | 7030008370 | S.RES ERJ2GEJ 561 X (560)  | T  | 101.5/118.1  |
| R1252   | 7030008400 | S.RES ERJ2GEJ 182 X (1.8K) | T  | 103.3/119.9  |
| R1253   | 7030008400 | S.RES ERJ2GEJ 182 X (1.8K) | T  | 103.3/118.1  |
| R1254   | 7030008370 | S.RES ERJ2GEJ 561 X (560)  | T  | 108.1/119.7  |
| R1255   | 7030010040 | S.RES ERJ2GEJ-JPW          | T  | 108.1/118.7  |
| R1256   | 7030008370 | S.RES ERJ2GEJ 561 X (560)  | T  | 108.1/117.7  |
| R1258   | 7030007270 | S.RES ERJ2GEJ 151 X (150)  | T  | 113.6/130.2  |
| R1261   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 103.9/107.7  |
| R1275   | 7030007250 | S.RES ERJ2GEJ 220 X (22)   | T  | 99.7/111.3   |
| R1276   | 7030007250 | S.RES ERJ2GEJ 220 X (22)   | T  | 99.7/112.9   |
| R1291   | 7030009320 | S.RES ERJ2GEJ 4R7 X (4.7)  | T  | 93.2/106.4   |
| R1292   | 7030009320 | S.RES ERJ2GEJ 4R7 X (4.7)  | T  | 93.2/107.3   |
| R1302   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 87.5/99.3    |
| R1303   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 88.4/99.3    |
| R1304   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 89.3/99.3    |
| R1308   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 90.6/101.1   |
| R1313   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 90.4/113.9   |
| R1314   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T  | 92.0/100.9   |
| R1315   | 7030004990 | S.RES ERJ2GEJ 221 X (220)  | T  | 92.2/115.1   |
| R1316   | 7030010040 | S.RES ERJ2GEJ-JPW          | T  | 93.1/115.1   |
| R1318   | 7030010260 | S.RES ERJ1TVJ 3R3 U        | T  | 63.2/88.6    |
| R1319   | 7030010260 | S.RES ERJ1TVJ 3R3 U        | T  | 63.2/84.9    |
| R1321   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 87.7/113.9   |
| R1331   | 7030011450 | S.RES ERJ2RKF 49R9X (49.9) | T  | 81.1/123.6   |
| R1334   | 7030005710 | S.RES ERJ2GEJ 51 X (120)   | T  | 78.3/120.0   |
| R1335   | 7030008400 | S.RES ERJ2GEJ 182 X (1.8K) | T  | 77.8/121.2   |
| R1351   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 64.7/105.4   |
| R1352   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 62.9/106.2   |
| R1353   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 64.7/107.4   |
| R1354   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 67.7/109.6   |
| R1355   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 62.9/110.4   |
| R1356   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 64.7/111.6   |
| R1357   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 62.9/112.4   |
| R1358   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 62.9/113.8   |
| R1359   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 62.9/108.4   |
| R1361   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 56.8/128.1   |
| R1363   | 7410001220 | S.ARR EXB28V103JX          | T  | 68.5/95.8    |
| R1366   | 7030007250 | S.RES ERJ2GEJ 220 X (22)   | T  | 57.0/126.5   |
| R1367   | 7030007250 | S.RES ERJ2GEJ 220 X (22)   | T  | 52.8/125.5   |
| R1368   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 74.6/95.1    |
| R1369   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 74.6/96.0    |
| R1371   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 50.3/100.0   |
| R1380   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 62.9/104.2   |
| R1381   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 64.9/103.4   |
| R1382   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 66.2/102.5   |
| R1383   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 64.9/101.1   |
| R1384   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 66.2/100.3   |
| R1385   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T  | 64           |

[MAIN UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION              | M. | H/V LOCATION |
|---------|------------|--------------------------|----|--------------|
| C29     | 4030017400 | S.CER C1005 CH 1H 220J-T | T  | 25.8/123.1   |
| C30     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 25.4/122.2   |
| C31     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 25.0/121.3   |
| C32     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 25.0/120.4   |
| C33     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 24.2/119.5   |
| C34     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 24.2/118.6   |
| C35     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 24.2/117.7   |
| C36     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 24.2/116.8   |
| C37     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 23.8/115.9   |
| C38     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 23.8/115.0   |
| C39     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 23.6/114.1   |
| C45     | 4510010570 | S.ELE 16 CE 470 LX       | T  | 18.6/67.4    |
| C46     | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 13.4/70.8    |
| C48     | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 17.3/76.8    |
| C49     | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 19.2/75.8    |
| C51     | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 15.7/35.7    |
| C52     | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 15.7/33.4    |
| C53     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 15.5/31.4    |
| C54     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 15.5/30.5    |
| C55     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 15.5/29.6    |
| C56     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 15.5/28.7    |
| C57     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 15.5/27.8    |
| C58     | 4030017430 | S.CER C1005 CH 1H 101J-T | T  | 15.9/25.4    |
| C59     | 4030017430 | S.CER C1005 CH 1H 101J-T | T  | 15.9/24.5    |
| C60     | 4030017430 | S.CER C1005 CH 1H 101J-T | T  | 16.5/23.2    |
| C61     | 4030017430 | S.CER C1005 CH 1H 101J-T | T  | 16.5/22.3    |
| C62     | 4030017430 | S.CER C1005 CH 1H 101J-T | T  | 16.5/21.4    |
| C63     | 4030017430 | S.CER C1005 CH 1H 101J-T | T  | 16.5/20.2    |
| C64     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 16.5/19.1    |
| C71     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 25.8/15.1    |
| C72     | 4030017400 | S.CER C1005 CH 1H 220J-T | T  | 26.3/4.8     |
| C73     | 4030017400 | S.CER C1005 CH 1H 220J-T | T  | 26.8/15.1    |
| C74     | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 27.3/4.8     |
| C96     | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 41.8/17.0    |
| C97     | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 42.3/3.0     |
| C98     | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 44.3/2.8     |
| C106    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 82.7/4.8     |
| C111    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 71.0/7.5     |
| C121    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 61.0/60.0    |
| C122    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 57.0/60.0    |
| C125    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 27.0/67.7    |
| C135    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 36.5/72.8    |
| C141    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 59.2/49.7    |
| C151    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 25.6/74.9    |
| C201    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 28.1/55.8    |
| C202    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 29.9/55.8    |
| C203    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 24.5/60.7    |
| C204    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 26.1/41.1    |
| C205    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 26.1/42.9    |
| C206    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 26.1/44.7    |
| C207    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 26.1/46.5    |
| C208    | 4030017620 | S.CER C1005 CH 1H 100C-T | T  | 22.6/44.7    |
| C211    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 29.6/47.7    |
| C212    | 4030019620 | S.CER GRM188B31C225KE14D | T  | 32.3/44.9    |
| C216    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 30.6/42.8    |
| C217    | 4030019620 | S.CER GRM188B31C225KE14D | T  | 34.1/40.7    |
| C221    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 32.0/49.7    |
| C222    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 30.5/53.2    |
| C223    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 36.6/55.1    |
| C231    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 66.4/92.3    |
| C232    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 61.1/92.3    |
| C241    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 69.7/4.5     |
| C242    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 64.7/4.5     |
| C243    | 4510010460 | ELE DXN-5R5H334U         | T  |              |
| C251    | 4030020190 | S.CER GRM32EB31C476KE15L | T  | 20.2/57.0    |
| C252    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 15.4/60.5    |
| C253    | 4030020190 | S.CER GRM32EB31C476KE15L | T  | 18.7/46.1    |
| C254    | 4030020190 | S.CER GRM32EB31C476KE15L | T  | 18.7/43.1    |
| C255    | 4030017620 | S.CER C1005 CH 1H 100C-T | T  | 14.0/45.5    |
| C256    | 4030020190 | S.CER GRM32EB31C476KE15L | T  | 18.7/40.1    |
| C257    | 4510010570 | S.ELE 16 CE 470 LX       | T  | 36.0/25.7    |
| C261    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 4.1/46.6     |
| C262    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 5.9/46.6     |
| C263    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 10.5/41.3    |
| C264    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 5.3/55.0     |
| C265    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 4.9/52.3     |
| C266    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 5.3/58.6     |
| C267    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 5.3/56.8     |
| C268    | 4030017620 | S.CER C1005 CH 1H 100C-T | T  | 12.1/58.2    |
| C271    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 2.6/20.9     |
| C272    | 4030019620 | S.CER GRM188B31C225KE14D | T  | 3.9/10.2     |
| C273    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 3.6/19.3     |
| C274    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 3.6/11.3     |
| C275    | 4510010570 | S.ELE 16 CE 470 LX       | T  | 21.0/146.4   |
| C276    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 18.6/16.6    |
| C277    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 19.2/15.2    |
| C278    | 4030019620 | S.CER GRM188B31C225KE14D | T  | 15.3/15.6    |
| C279    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 16.5/15.1    |
| C301    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 66.7/15.4    |
| C302    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 101.0/23.5   |
| C303    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 101.0/24.5   |
| C304    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 101.0/26.7   |
| C305    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 101.0/27.6   |
| C306    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 101.0/29.7   |
| C307    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 101.0/31.4   |
| C308    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 101.0/33.2   |
| C309    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 101.8/34.1   |
| C310    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 101.4/35.7   |
| C311    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 101.0/41.1   |
| C312    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 64.6/44.0    |
| C313    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 94.4/12.0    |
| C314    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 94.1/47.5    |
| C315    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 92.8/47.4    |
| C316    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 92.4/12.0    |
| C317    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 89.7/12.0    |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

[MAIN UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION              | M. | H/V LOCATION |
|---------|------------|--------------------------|----|--------------|
| C318    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 88.8/47.4    |
| C319    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 87.6/12.0    |
| C320    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 87.2/47.4    |
| C321    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 84.6/47.4    |
| C322    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 84.0/12.0    |
| C323    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 82.8/47.4    |
| C324    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 82.4/12.0    |
| C325    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 81.4/47.2    |
| C326    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 79.0/12.0    |
| C327    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 77.2/12.0    |
| C328    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 77.6/47.2    |
| C329    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 76.0/47.4    |
| C330    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 74.6/12.0    |
| C331    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 71.6/12.0    |
| C332    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 71.6/47.2    |
| C333    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 70.0/47.2    |
| C334    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 64.0/19.4    |
| C335    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 64.0/20.5    |
| C336    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 64.0/22.8    |
| C337    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 64.0/23.7    |
| C338    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 64.0/26.4    |
| C339    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 64.0/27.5    |
| C340    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 64.0/28.5    |
| C341    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 64.0/29.4    |
| C342    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 65.9/31.0    |
| C343    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 65.9/32.1    |
| C344    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 65.9/33.3    |
| C345    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 65.3/34.2    |
| C346    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 65.7/36.4    |
| C347    | 4030017640 | S.CER C1005 CH 1H 150J-T | T  | 58.6/25.3    |
| C348    | 4030017640 | S.CER C1005 CH 1H 150J-T | T  | 58.6/23.5    |
| C351    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 107.0/21.1   |
| C361    | 4030021250 | S.CER C1005 JB 1A 334K-T | T  | 96.2/7.9     |
| C362    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 94.7/10.0    |
| C371    | 4030017920 | S.CER C1005 JB 1A 683K-T | T  | 59.4/31.1    |
| C372    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 57.5/29.7    |
| C383    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 103.2/8.3    |
| C391    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 106.9/40.2   |
| C401    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 62.0/13.8    |
| C402    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 66.0/11.8    |
| C403    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 62.0/14.8    |
| C404    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 66.0/9.8     |
| C405    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 62.0/15.8    |
| C406    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 62.0/10.8    |
| C407    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 80.6/12.0    |
| C408    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 62.0/11.8    |
| C409    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 66.0/10.8    |
| C410    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 62.0/12.8    |
| C411    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 76.8/10.8    |
| C412    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 75.0/10.8    |
| C413    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 76.2/12.0    |
| C414    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 72.9/10.2    |
| C415    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 73.6/12.0    |
| C416    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 71.2/10.6    |
| C418    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 66.1/38.9    |
| C419    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 65.2/39.2    |
| C420    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 65.2/40.8    |
| C421    | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 66.3/41.1    |
| C451    | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 47.6/25.2    |
| C452    | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 48.6/25.2    |
| C453    | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 51.9/27.3    |
| C454    | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 52.8/27.3    |
| C455    | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 49.5/25.2    |
| C456    | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 49.3/27.3    |
| C457    | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 51.0/27.3    |
| C458    | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 53.7/27.3    |
| C461    | 4030017400 | S.CER C1005 CH 1H 220J-T | T  | 78.0/49.3    |
| C462    | 4030017430 | S.CER C1005 CH 1H 101J-T | T  | 78.3/48.4    |
| C463    | 4030017430 | S.CER C1005 CH 1H 101J-T | T  | 76.8/50.2    |
| C464    | 4030017430 | S.CER C1005 CH 1H 101J-T | T  | 76.6/52.0    |
| C604    | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 56.7/17.4    |
| C611    | 4030019620 | S.CER GRM188B31C225KE14D | T  | 51.4/170.1   |
| C612    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 51.4/171.8   |
| C623    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 63.4/156.9   |
| C624    | 4030017650 | S.CER C1005 CH 1H 270J-T | T  | 64.1/161.8   |
| C625    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 58.5/170.5   |
| C626    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 58.5/171.5   |
| C627    | 4030017650 | S.CER C1005 CH 1H 270J-T | T  | 64.1/167.2   |
| C628    | 4030017400 | S.CER C1005 CH 1H 220J-T | T  | 51.5/166.5   |
| C629    | 4030017400 | S.CER C1005 CH 1H 220J-T | T  | 51.5/163.5   |
| C630    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 63.3/160.4   |
| C631    | 4030017400 | S.CER C1005 CH 1H 220J-T | T  | 57.9/158.0   |
| C632    | 4030017400 | S.CER C1005 CH 1H 220J-T | T  | 61.0/158.0   |
| C641    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 42.3/165.4   |
| C642    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 48.5/161.9   |
| C643    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 47.3/161.9   |
| C661    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 62.8/148.7   |
| C662    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 61.4/147.7   |
| C663    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 57.6/144.5   |
| C664    | 4030017650 | S.CER C1005 CH 1H 270J-T | T  | 55.8/143.9   |
| C665    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 45.0/149.2   |
| C666    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 45.0/151.0   |
| C667    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 48.0/154.5   |
| C668    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 48.2/151.0   |
| C669    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 49.6/151.0   |
| C670    | 4030017650 | S.CER C1005 CH 1H 270J-T | T  | 55.8/144.9   |
| C671    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 52.2/145.5   |
| C672    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 50.8/144.1   |
| C673    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 50.8/142.3   |
| C674    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 48.4/147.7   |
| C675    | 4030019120 | S.CER GRM188B31E105KA75D | T  | 49.3/157.4   |
| C676    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 51.5/159.3   |
| C681    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 38.7/148.9   |
| C682    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 42.9/147.4   |
| C683    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 37.1/150.7   |



[MAIN UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                  | M. | H/V LOCATION |
|---------|------------|------------------------------|----|--------------|
| C693    | 4030017620 | S.CER C1005 CH 1H 100C-T     | T  | 68.4/183.7   |
| C695    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 17.5/157.6   |
| C701    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 16.2/173.5   |
| C720    | 4510010570 | S.ELE 16 CE 470 LX           | T  | 73.9/173.4   |
| C721    | 4510010570 | S.ELE 16 CE 470 LX           | T  | 80.5/144.5   |
| C722    | 4030019120 | S.CER GRM188B31E105KA75D     | T  | 93.7/156.5   |
| C723    | 4030019620 | S.CER GRM188B31C225KE14D     | T  | 90.2/157.6   |
| C724    | 4030017400 | S.CER C1005 CH 1H 220J-T     | T  | 96.7/165.0   |
| C725    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 90.3/161.4   |
| C726    | 4030019560 | S.CER GRM21BB31C106KE15L     | T  | 95.2/160.2   |
| C727    | 4030019620 | S.CER GRM188B31C225KE14D     | T  | 91.4/162.7   |
| C728    | 4030019570 | S.CER C1608 CH 1H 332J-T     | T  | 94.0/162.7   |
| C731    | 4030020020 | S.CER C1005 CH 1H 391J-T     | T  | 96.6/157.0   |
| C732    | 4030021340 | S.CER C1608 JB 1H 474KT ATEX | T  | 96.6/162.7   |
| C733    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 96.9/160.1   |
| C734    | 4030021530 | S.CER C1608 JB 1E 224K-T     | T  | 96.6/163.9   |
| C735    | 4030021530 | S.CER C1608 JB 1E 224K-T     | T  | 111.5/169.4  |
| C741    | 4510010570 | S.ELE 16 CE 470 LX           | T  | 107.5/146.7  |
| C746    | 4030019120 | S.CER GRM188B31E105KA75D     | T  | 105.5/169.4  |
| C747    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 100.4/167.9  |
| C751    | 4510010570 | S.ELE 16 CE 470 LX           | T  | 98.5/173.0   |
| C752    | 4030017430 | S.CER C1005 CH 1H 101J-T     | T  | 104.7/177.0  |
| C753    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 104.7/175.0  |
| C754    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 89.2/176.5   |
| C761    | 4030017460 | S.CER C1005 JB 1H 102K-T     | T  | 92.3/169.6   |
| C762    | 4030017460 | S.CER C1005 JB 1H 102K-T     | T  | 92.3/170.9   |
| C763    | 4030017460 | S.CER C1005 JB 1H 102K-T     | T  | 92.3/172.2   |
| C764    | 4030017460 | S.CER C1005 JB 1H 102K-T     | T  | 92.3/173.1   |
| C771    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 25.3/173.0   |
| C773    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 33.0/168.0   |
| C774    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 27.1/171.8   |
| C775    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 27.1/179.0   |
| C776    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 27.0/180.0   |
| C778    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 52.6/178.2   |
| C779    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 27.0/181.0   |
| C780    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 27.0/185.0   |
| C781    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 52.3/183.6   |
| C782    | 4030017460 | S.CER C1005 JB 1H 102K-T     | T  | 52.3/182.6   |
| C783    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 27.0/187.0   |
| C791    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 25.3/174.3   |
| C801    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 29.1/163.5   |
| C811    | 4030019620 | S.CER GRM188B31C225KE14D     | T  | 50.5/180.7   |
| C812    | 4030019620 | S.CER GRM188B31C225KE14D     | T  | 51.8/180.7   |
| C901    | 4030017400 | S.CER C1005 CH 1H 220J-T     | T  | 109.2/66.1   |
| C902    | 4550007200 | S.TAN F930J476MBABMA         | T  | 102.7/58.1   |
| C903    | 4550007200 | S.TAN F930J476MBABMA         | T  | 99.4/56.0    |
| C904    | 4030017400 | S.CER C1005 CH 1H 220J-T     | T  | 106.8/68.7   |
| C905    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 102.8/61.4   |
| C906    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 102.8/69.6   |
| C907    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 102.8/70.8   |
| C908    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 102.8/72.2   |
| C909    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 102.8/74.0   |
| C910    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 102.8/74.9   |
| C911    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 102.8/75.8   |
| C912    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 102.8/77.6   |
| C913    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 102.8/78.8   |
| C914    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 102.8/81.3   |
| C915    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 102.8/64.8   |
| C916    | 4030016790 | S.CER C1005 JB 1E 103K-T     | T  | 102.8/65.8   |
| C917    | 4550007200 | S.TAN F930J476MBABMA         | T  | 104.7/91.5   |
| C918    | 4550007200 | S.TAN F930J476MBABMA         | T  | 104.6/87.9   |
| C919    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 96.2/58.0    |
| C920    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 97.1/87.7    |
| C921    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 95.3/88.6    |
| C922    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 92.4/57.6    |
| C923    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 91.4/87.7    |
| C924    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 89.8/57.6    |
| C925    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 88.1/87.3    |
| C926    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 86.8/57.6    |
| C927    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 85.9/87.7    |
| C928    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 84.9/87.7    |
| C929    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 84.4/57.6    |
| C930    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 82.4/87.7    |
| C931    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 82.3/57.8    |
| C932    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 79.9/87.7    |
| C933    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 78.8/57.6    |
| C934    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 77.4/57.6    |
| C935    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 77.4/87.7    |
| C936    | 4550007200 | S.TAN F930J476MBABMA         | T  | 70.0/63.4    |
| C937    | 4550007200 | S.TAN F930J476MBABMA         | T  | 76.9/55.2    |
| C938    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 107.4/84.7   |
| C939    | 4550007200 | S.TAN F930J476MBABMA         | T  | 67.6/71.8    |
| C940    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/62.3    |
| C941    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/63.3    |
| C942    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/67.3    |
| C943    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/68.3    |
| C944    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/70.3    |
| C945    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/71.3    |
| C946    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/72.3    |
| C947    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/73.3    |
| C948    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/75.3    |
| C949    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/76.8    |
| C950    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/77.8    |
| C951    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/79.3    |
| C952    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/80.8    |
| C953    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 72.4/81.7    |
| C954    | 4550007200 | S.TAN F930J476MBABMA         | T  | 67.6/75.8    |
| C955    | 4030017430 | S.CER C1005 CH 1H 101J-T     | T  | 96.9/55.4    |
| C961    | 4030019620 | S.CER GRM188B31C225KE14D     | T  | 38.0/158.0   |
| C962    | 4030019620 | S.CER GRM188B31C225KE14D     | T  | 37.9/163.0   |
| C971    | 4030019560 | S.CER GRM21BB31C106KE15L     | T  | 33.6/134.0   |
| C972    | 4030019990 | S.CER C1005 JB 1C 104K-T     | T  | 34.2/143.5   |
| C973    | 4030019560 | S.CER GRM21BB31C106KE15L     | T  | 34.2/144.9   |
| C974    | 4030017700 | S.CER C1005 CH 1H 151J-T     | T  | 36.1/156.9   |
| C975    | 4030017700 | S.CER C1005 CH 1H 151J-T     | T  | 34.1/151.5   |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

[MAIN UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION              | M. | H/V LOCATION |
|---------|------------|--------------------------|----|--------------|
| C976    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 31.3/155.0   |
| C977    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 29.0/149.7   |
| C981    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 32.4/149.2   |
| C991    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 47.8/133.2   |
| C992    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 47.8/136.0   |
| C993    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 46.4/136.9   |
| C994    | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 39.1/145.0   |
| C995    | 4030019570 | S.CER C1608 CH 1H 332J-T | T  | 43.5/139.9   |
| C996    | 4030019570 | S.CER C1608 CH 1H 332J-T | T  | 46.7/139.9   |
| C997    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 40.5/145.6   |
| C998    | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 49.6/145.9   |
| C999    | 4030017700 | S.CER C1005 CH 1H 151J-T | T  | 43.6/142.0   |
| C1000   | 4030020980 | S.CER C1005 CH 1H 821JT  | T  | 46.2/142.1   |
| C1001   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 39.6/141.6   |
| C1002   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 50.8/140.5   |
| C1003   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 60.8/133.6   |
| C1004   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 60.7/131.5   |
| C1005   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 64.0/143.9   |
| C1006   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 62.2/143.9   |
| C1007   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 65.1/146.2   |
| C1008   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 62.5/145.3   |
| C1009   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 68.5/142.5   |
| C1010   | 4030019620 | S.CER GRM188B31C225KE14D | T  | 68.2/146.0   |
| C1011   | 4030019620 | S.CER GRM188B31C225KE14D | T  | 67.0/139.6   |
| C1012   | 4030017690 | S.CER C1005 CH 1H 121J-T | T  | 69.7/147.6   |
| C1013   | 4030017440 | S.CER C1005 CH 1H 221J-T | T  | 69.3/138.2   |
| C1014   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 73.2/135.5   |
| C1015   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 74.1/142.8   |
| C1016   | 4030019620 | S.CER GRM188B31C225KE14D | T  | 72.8/148.1   |
| C1017   | 4510010570 | S.ELE 16 CE 470 LX       | T  | 69.0/153.9   |
| C1018   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 63.4/153.3   |
| C1019   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 66.8/148.5   |
| C1020   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 69.0/134.9   |
| C1021   | 4030017420 | S.CER C1005 CH 1H 470J-T | T  | 106.8/76.0   |
| C1022   | 4030017420 | S.CER C1005 CH 1H 470J-T | T  | 107.4/76.9   |
| C1023   | 4030017420 | S.CER C1005 CH 1H 470J-T | T  | 106.9/78.2   |
| C1024   | 4030017420 | S.CER C1005 CH 1H 470J-T | T  | 105.7/82.3   |
| C1025   | 4030017420 | S.CER C1005 CH 1H 470J-T | T  | 105.7/83.2   |
| C1201   | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 51.8/77.5    |
| C1202   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 49.3/75.9    |
| C1203   | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 48.2/77.5    |
| C1204   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 52.8/76.6    |
| C1205   | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 49.3/80.6    |
| C1206   | 4030017600 | S.CER C1005 CH 1H 080C-T | T  | 50.5/80.2    |
| C1207   | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 49.5/87.2    |
| C1208   | 4030017530 | S.CER C1005 CH 1H 0R5B-T | T  | 50.5/81.1    |
| C1209   | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 51.2/85.9    |
| C1211   | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 52.0/91.9    |
| C1212   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 48.5/94.0    |
| C1213   | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 52.7/97.5    |
| C1220   | 4030019620 | S.CER GRM188B31C225KE14D | T  | 68.6/132.9   |
| C1221   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 71.0/131.2   |
| C1222   | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 58.4/128.1   |
| C1223   | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 66.3/130.4   |
| C1224   | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 63.4/130.9   |
| C1231   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 106.1/127.5  |
| C1232   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 97.6/124.5   |
| C1233   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 94.6/124.5   |
| C1235   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 102.8/129.4  |
| C1236   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 97.4/121.0   |
| C1237   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 95.1/121.0   |
| C1241   | 4030019620 | S.CER GRM188B31C225KE14D | T  | 93.0/118.6   |
| C1242   | 4030019620 | S.CER GRM188B31C225KE14D | T  | 98.1/118.8   |
| C1251   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 100.6/117.2  |
| C1252   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 101.9/120.3  |
| C1253   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 102.4/117.2  |
| C1254   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 107.7/120.9  |
| C1255   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 107.2/116.4  |
| C1256   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 112.8/11.3   |
| C1261   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 102.5/115.4  |
| C1262   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 101.6/115.4  |
| C1263   | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 103.4/115.4  |
| C1266   | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 101.1/108.7  |
| C1267   | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 102.8/108.7  |
| C1268   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 101.1/109.6  |
| C1269   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 102.8/109.6  |
| C1270   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 101.4/107.2  |
| C1277   | 4030017420 | S.CER C1005 CH 1H 470J-T | T  | 98.8/112.1   |
| C1278   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 83.3/96.8    |
| C1279   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 87.1/95.3    |
| C1281   | 4030017660 | S.CER C1005 CH 1H 330J-T | T  | 99.1/129.9   |
| C1283   | 4030017680 | S.CER C1005 CH 1H 820J-T | T  | 92.9/129.0   |
| C1285   | 4030017660 | S.CER C1005 CH 1H 330J-T | T  | 93.1/127.8   |
| C1294   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 94.0/102.7   |
| C1300   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 59.2/132.3   |
| C1301   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 96.0/103.7   |
| C1302   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 93.4/110.5   |
| C1303   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 93.4/105.3   |
| C1304   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 92.6/103.6   |
| C1309   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 80.8/97.2    |
| C1310   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 81.6/101.9   |
| C1311   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 81.6/111.8   |
| C1315   | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 74.1/129.5   |
| C1316   | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 92.2/112.9   |
| C1317   | 4030017460 | S.CER C1005 JB 1H 102K-T | T  | 93.1/112.9   |
| C1318   | 4030019620 | S.CER GRM188B31C225KE14D | T  | 106.8/105.1  |
| C1319   | 4030019620 | S.CER GRM188B31C225KE14D | T  | 98.4/103.2   |
| C1321   | 4030019620 | S.CER GRM188B31C225KE14D | T  | 90.7/128.5   |
| C1322   | 4030019620 | S.CER GRM188B31C225KE14D | T  | 84.8/130.1   |
| C1325   | 4030019620 | S.CER GRM188B31C225KE14D | T  | 70.5/84.4    |
| C1326   | 4030019620 | S.CER GRM188B31C225KE14D | T  | 70.0/89.3    |
| C1332   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 77.4/120.0   |
| C1333   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 77.9/124.7   |
| C1334   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 77.5/125.9   |
| C1335   | 4030019560 | S.CER GRM21BB31C106KE15L | T  | 79.7/126.1   |



## [MAIN UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                   | M. | H/V LOCATION |
|---------|------------|-------------------------------|----|--------------|
| C1336   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 77.5/127.5   |
| C1337   | 4030019560 | S.CER GRM21BB31C106KE15L      | T  | 79.7/128.1   |
| C1338   | 4030017440 | S.CER C1005 CH 1H 221J-T      | T  | 37.8/120.4   |
| C1339   | 4030017440 | S.CER C1005 CH 1H 221J-T      | T  | 37.6/122.0   |
| C1340   | 4030017620 | S.CER C1005 CH 1H 100C-T      | T  | 39.3/89.4    |
| C1350   | 4510010570 | S.ELE 16 CE 470 LX            | T  | 46.5/69.3    |
| C1351   | 4550007200 | S.TAN F930J476MBABMA          | T  | 39.3/93.3    |
| C1352   | 4030018910 | S.CER C1608 JB 0J 475K-T      | T  | 45.8/93.2    |
| C1353   | 4030016790 | S.CER C1005 JB 1E 103K-T      | T  | 45.7/89.6    |
| C1354   | 4030018910 | S.CER C1608 JB 0J 475K-T      | T  | 46.2/88.6    |
| C1355   | 4030016790 | S.CER C1005 JB 1E 103K-T      | T  | 54.2/96.7    |
| C1356   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 45.3/91.7    |
| C1357   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 46.2/91.7    |
| C1358   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 47.1/91.7    |
| C1359   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 55.1/96.7    |
| C1360   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 45.7/90.5    |
| C1361   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 45.5/94.3    |
| C1362   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 47.1/90.1    |
| C1363   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 43.1/91.6    |
| C1364   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 49.5/127.2   |
| C1365   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 58.2/96.9    |
| C1366   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 40.2/98.9    |
| C1367   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 54.8/125.5   |
| C1368   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 62.9/97.2    |
| C1369   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 59.1/96.9    |
| C1370   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 60.6/125.3   |
| C1371   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 43.1/94.3    |
| C1372   | 4030016790 | S.CER C1005 JB 1E 103K-T      | T  | 48.6/127.2   |
| C1373   | 4030016790 | S.CER C1005 JB 1E 103K-T      | T  | 60.0/96.9    |
| C1374   | 4030016790 | S.CER C1005 JB 1E 103K-T      | T  | 40.2/100.8   |
| C1375   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 43.1/93.4    |
| C1376   | 4030016790 | S.CER C1005 JB 1E 103K-T      | T  | 64.6/96.7    |
| C1377   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 62.3/102.6   |
| C1378   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 40.2/99.9    |
| C1379   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 43.1/92.5    |
| C1380   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 47.7/127.2   |
| C1381   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 57.0/96.4    |
| C1382   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 37.8/123.6   |
| C1383   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 53.0/126.7   |
| C1384   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 64.6/95.7    |
| C1385   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 60.9/96.9    |
| C1386   | 4030018900 | S.CER C1005 JB 0J 474K-T      | T  | 60.6/126.2   |
| C1387   | 4030018910 | S.CER C1608 JB 0J 475K-T      | T  | 55.8/125.9   |
| C1388   | 4030018910 | S.CER C1608 JB 0J 475K-T      | T  | 49.4/125.4   |
| C1389   | 4030018910 | S.CER C1608 JB 0J 475K-T      | T  | 58.3/92.3    |
| C1390   | 4030018910 | S.CER C1608 JB 0J 475K-T      | T  | 59.2/126.2   |
| C1391   | 4030020540 | S.CER GRM32EB30J107ME16L      | T  | 52.4/128.7   |
| C1392   | 4030020540 | S.CER GRM32EB30J107ME16L      | T  | 45.6/128.8   |
| C1393   | 4030020540 | S.CER GRM32EB30J107ME16L      | T  | 58.6/94.4    |
| C1394   | 4030020540 | S.CER GRM32EB30J107ME16L      | T  | 35.6/121.7   |
| C1396   | 4550007200 | S.TAN F930J476MBABMA          | T  | 41.4/96.6    |
| C1397   | 4030017420 | S.CER C1005 CH 1H 470J-T      | T  | 57.5/125.3   |
| C1398   | 4030017430 | S.CER C1005 CH 1H 101J-T      | T  | 53.9/125.5   |
| C1399   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 45.9/99.9    |
| C1400   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 45.9/100.8   |
| C1401   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 28.0/124.4   |
| C3003   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 109.2/105.0  |
| J1      | 6510022472 | S.CON 40FLT-SM2-TB(LF)(SN)(M) | T  | 17.5/90.3    |
| J21     | 6510021722 | S.CON 30FLT-SM2-TB(LF)(SN)(M) | T  | 17.5/122.0   |
| J45     | 6510018961 | S.CON B2B-PH-SM4-TB(LF)(SN)   | T  | 7.2/70.9     |
| J51     | 6510021722 | S.CON 30FLT-SM2-TB(LF)(SN)(M) | T  | 8.6/28.0     |
| J71     | 6510022472 | S.CON 40FLT-SM2-TB(LF)(SN)(M) | T  | 34.5/10.0    |
| J101    | 6510024522 | S.CON 12FLT-SM2-TB(LF)(SN)(M) | T  | 82.4/7.4     |
| J491    | 6510025142 | S.CON 10FLT-SM2-TB(LF)(SN)(M) | T  | 108.9/16.4   |
| J601    | 6510026540 | CON UBB-4R-D14T-4D(LF)(SN)    |    |              |
| J691    | 6510025940 | CON PJ-3047S <XIN>            |    |              |
| J751    | 6510025940 | CON PJ-3047S <XIN>            |    |              |
| J752    | 6510014961 | S.CON B2B-ZR-SM4-TF(LF)(SN)   | T  | 111.0/174.5  |
| J761    | 6510018971 | S.CON B4B-PH-SM4-TB(LF)(SN)   | T  | 82.0/170.5   |
| J771    | 6450001641 | CON TCS5044-0141177           |    |              |
| J901    | 6510025142 | S.CON 10FLT-SM2-TB(LF)(SN)(M) | T  | 93.5/94.9    |
| J1231   | 6510028210 | CON SJ050010 (TMP-J01X-V6)    |    |              |
| S371    | 2230001480 | S.SWI LS37J2-T                | T  | 57.9/34.5    |
| BT381   | 3020000390 | S.LIT ML414HIV01E             | T  | 97.8/3.9     |
| EP1     | 6910020910 | S.BEA MPZ1608S300AT           | T  | 21.3/80.8    |
| EP2     | 6910019100 | S.BEA MPZ1608S101AT           | T  | 21.3/85.5    |
| EP3     | 6910021240 | S.BEA MMZ1005A152ET           | T  | 22.3/89.8    |
| EP5     | 6910021240 | S.BEA MMZ1005A152ET           | T  | 22.3/91.6    |
| EP6     | 6910021240 | S.BEA MMZ1005A152ET           | T  | 22.3/92.5    |
| EP7     | 6910021240 | S.BEA MMZ1005A152ET           | T  | 22.3/93.4    |
| EP8     | 6910021240 | S.BEA MMZ1005A152ET           | T  | 22.3/94.3    |
| EP9     | 6910021240 | S.BEA MMZ1005A152ET           | T  | 22.3/95.2    |
| EP11    | 6910021240 | S.BEA MMZ1005A152ET           | T  | 22.3/97.0    |
| EP14    | 6910021240 | S.BEA MMZ1005A152ET           | T  | 21.7/99.7    |
| EP19    | 6910021240 | S.BEA MMZ1005A152ET           | T  | 22.3/88.9    |
| EP21    | 6910019900 | S.BEA MPZ1608S601AT           | T  | 21.5/131.1   |
| EP22    | 6910019900 | S.BEA MPZ1608S601AT           | T  | 22.1/129.9   |
| EP23    | 6910019900 | S.BEA MPZ1608S601AT           | T  | 22.1/128.7   |
| EP32    | 6910021240 | S.BEA MMZ1005A152ET           | T  | 22.8/120.4   |
| EP33    | 6910021240 | S.BEA MMZ1005A152ET           | T  | 22.0/119.5   |
| EP34    | 6910021240 | S.BEA MMZ1005A152ET           | T  | 22.0/118.6   |
| EP35    | 6910021240 | S.BEA MMZ1005A152ET           | T  | 22.0/117.7   |
| EP36    | 6910021240 | S.BEA MMZ1005A152ET           | T  | 22.0/116.8   |
| EP37    | 6910021240 | S.BEA MMZ1005A152ET           | T  | 21.6/115.9   |
| EP38    | 6910021240 | S.BEA MMZ1005A152ET           | T  | 21.6/115.0   |
| EP39    | 6910021240 | S.BEA MMZ1005A152ET           | T  | 21.4/114.1   |
| EP45    | 6910019900 | S.BEA MPZ1608S601AT           | T  | 7.0/67.4     |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

## [MAIN UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION             | M. | H/V LOCATION |
|---------|------------|-------------------------|----|--------------|
| EP46    | 6910019900 | S.BEA MPZ1608S601AT     | T  | 19.2/73.6    |
| EP51    | 6910019100 | S.BEA MPZ1608S101AT     | T  | 12.7/35.7    |
| EP52    | 6910019900 | S.BEA MPZ1608S601AT     | T  | 12.7/33.4    |
| EP58    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 13.7/26.3    |
| EP59    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 12.8/25.0    |
| EP60    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 13.7/23.8    |
| EP61    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 13.6/22.6    |
| EP62    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 13.8/21.4    |
| EP63    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 13.8/20.2    |
| EP75    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 28.3/14.2    |
| EP79    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 29.9/14.2    |
| EP80    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 30.4/6.0     |
| EP81    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 31.1/14.2    |
| EP82    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 31.6/6.0     |
| EP83    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 32.3/14.2    |
| EP84    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 32.8/6.0     |
| EP85    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 33.5/14.2    |
| EP86    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 34.0/6.0     |
| EP87    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 34.7/14.2    |
| EP88    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 35.2/6.0     |
| EP89    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 35.9/14.2    |
| EP90    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 36.4/6.0     |
| EP91    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 37.1/14.2    |
| EP92    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 37.6/6.0     |
| EP93    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 38.3/14.2    |
| EP94    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 38.8/6.0     |
| EP95    | 6910015970 | S.BEA MMZ1608B 301CT-AS | T  | 39.5/14.2    |
| EP96    | 6910019900 | S.BEA MPZ1608S601AT     | T  | 40.8/14.2    |
| EP97    | 6910019900 | S.BEA MPZ1608S601AT     | T  | 42.3/5.8     |
| EP98    | 6910019900 | S.BEA MPZ1608S601AT     | T  | 44.3/5.8     |
| EP111   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 71.0/4.5     |
| EP121   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 55.6/59.9    |
| EP141   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 60.8/49.7    |
| EP201   | 6910018930 | S.BEA MPZ2012S601A      | T  | 29.0/58.2    |
| EP202   | 6910018930 | S.BEA MPZ2012S601A      | T  | 23.7/40.6    |
| EP221   | 6910018930 | S.BEA MPZ2012S601A      | T  | 35.0/59.5    |
| EP251   | 6910018930 | S.BEA MPZ2012S601A      | T  | 20.1/60.2    |
| EP301   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 99.0/13.3    |
| EP302   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 64.9/42.4    |
| EP303   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 99.6/34.8    |
| EP304   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 66.6/23.2    |
| EP351   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 105.0/21.7   |
| EP391   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 104.9/40.2   |
| EP601   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 55.1/174.1   |
| EP621   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 63.3/159.2   |
| EP641   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 46.6/166.2   |
| EP661   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 61.8/151.0   |
| EP662   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 59.4/145.6   |
| EP691   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 68.4/182.5   |
| EP751   | 6910018930 | S.BEA MPZ2012S601A      | T  | 92.5/179.5   |
| EP752   | 6910018930 | S.BEA MPZ2012S601A      | T  | 107.5/177.6  |
| EP761   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 89.0/169.6   |
| EP762   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 89.0/170.9   |
| EP763   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 89.0/172.2   |
| EP764   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 89.0/173.5   |
| EP771   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 28.5/173.0   |
| EP773   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 35.3/168.0   |
| EP774   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 29.5/171.8   |
| EP775   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 29.4/179.0   |
| EP776   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 29.4/180.0   |
| EP778   | 6910018930 | S.BEA MPZ2012S601A      | T  | 51.4/176.5   |
| EP779   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 29.4/181.0   |
| EP780   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 29.4/185.0   |
| EP781   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 50.5/183.6   |
| EP782   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 50.5/182.6   |
| EP783   | 6910023350 | S.BEA MMZ1005B601CT     | T  | 29.4/187.0   |
| EP901   | 6910018930 | S.BEA MPZ2012S601A      | T  | 71.8/55.2    |
| EP902   | 6910018930 | S.BEA MPZ2012S601A      | T  | 70.0/58.5    |
| EP904   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 103.5/63.1   |
| EP905   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 102.3/63.1   |
| EP906   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 112.7/78.2   |
| EP971   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 34.2/146.5   |
| EP991   | 6910019900 | S.BEA MPZ1608S601AT     | T  | 44.1/137.5   |
| EP1001  | 6910019900 | S.BEA MPZ1608S601AT     | T  | 64.6/133.2   |
| EP1002  | 6910019900 | S.BEA MPZ1608S601AT     | T  | 59.9/143.9   |
| EP1003  | 6910019900 | S.BEA MPZ1608S601AT     | T  | 56.8/132.0   |
| EP1201  | 6910023420 | S.BEA MMZ1005A222ET     | T  | 48.2/75.9    |
| EP1202  | 6910002161 | CAS CASE-BM7H-LF        |    |              |
| EP1203  | 6910023350 | S.BEA MMZ1005B601CT     | T  | 46.8/86.6    |
| EP1211  | 6910018460 | S.BEA MMZ1005Y102C-T    | T  | 49.0/95.6    |
| EP1212  | 6910018460 | S.BEA MMZ1005Y102C-T    | T  | 52.7/95.7    |
| EP1221  | 6910018460 | S.BEA MMZ1005Y102C-T    | T  | 71.9/131.2   |
| EP1235  | 6910018460 | S.BEA MMZ1005Y102C-T    | T  | 93.8/125.7</ |

## [RF UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                   | M.    | H/V LOCATION |
|---------|------------|-------------------------------|-------|--------------|
| IC1031  | 1110008080 | S.IC BGA2866115 <RYO>         | T     | 96.6/24.2    |
| IC1061  | 1180004430 | S.REG XC6209F502MR-G          | T     | 64.3/9.3     |
| IC1301  | 1130010550 | S.IC SN74AHC595PWR            | T     | 27.2/19.9    |
| IC1302  | 1130010550 | S.IC SN74AHC595PWR            | T     | 17.6/19.9    |
| IC1303  | 1130010550 | S.IC SN74AHC595PWR            | T     | 8.1/19.9     |
| IC1501  | 1110005320 | S.IC NJM13403V-TE1-#ZZZB      | T     | 48.6/26.2    |
| IC1502  | 1110008550 | S.IC NJM2904CRB1-TE1-#HMZR    | T     | 37.2/27.7    |
| Q101    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 104.9/11.2   |
| Q1001   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 70.9/6.2     |
| Q1051   | 1530004140 | S.TRA L2SC4081RT1G <SLVJ>     | T     | 86.3/30.7    |
| Q1061   | 1590004310 | S.TRA LDTA114EET1G <SLVJ>     | T     | 61.5/11.1    |
| Q1062   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 61.5/8.7     |
| Q1091   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 4.5/75.3     |
| Q1092   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 4.5/77.7     |
| Q1093   | 1590004310 | S.TRA LDTA114EET1G <SLVJ>     | T     | 7.0/74.8     |
| Q1094   | 1590004310 | S.TRA LDTA114EET1G <SLVJ>     | T     | 7.0/72.6     |
| Q1095   | 1590004310 | S.TRA LDTA114EET1G <SLVJ>     | T     | 4.5/73.1     |
| Q1096   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 58.3/12.9    |
| Q1097   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 56.1/12.9    |
| Q1098   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 58.6/15.3    |
| Q1099   | 1590004310 | S.TRA LDTA114EET1G <SLVJ>     | T     | 56.6/15.3    |
| Q1110   | 1590004310 | S.TRA LDTA114EET1G <SLVJ>     | T     | 31.0/31.5    |
| Q1111   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 5.8/31.5     |
| Q1121   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 6.9/27.7     |
| Q1131   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 9.4/31.5     |
| Q1141   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 10.5/27.7    |
| Q1151   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 13.0/31.5    |
| Q1161   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 14.1/27.7    |
| Q1171   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 16.6/31.5    |
| Q1181   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 17.7/27.7    |
| Q1191   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 20.2/31.5    |
| Q1201   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 21.3/27.7    |
| Q1211   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 23.8/31.5    |
| Q1221   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 25.0/27.7    |
| Q1231   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 27.4/31.5    |
| Q1241   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 28.6/27.7    |
| Q1261   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | [#03] |              |
|         | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | [#05] |              |
|         | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | [#06] |              |
| Q1411   | 1530004340 | S.TRA 2SC3356L-B-AE3-R <SLVJ> | T     | 55.0/77.9    |
| Q1412   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 40.8/85.9    |
| Q1413   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 40.8/83.0    |
| Q1511   | 1590004310 | S.TRA LDTA114EET1G <SLVJ>     | T     | 33.6/24.6    |
| Q1512   | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T     | 31.5/24.0    |
| Q1521   | 1510001200 | S.TRA L2SA1576ART1G <SLVJ>    | T     | 47.9/17.2    |
| Q1561   | 1590004310 | S.TRA LDTA114EET1G <SLVJ>     | T     | 33.3/30.9    |
| Q1562   | 1530003960 | S.TRA KTC2875-B-RTK/P         | T     | 36.0/32.8    |
| Q1563   | 1560002190 | S.FET RUM002N02T2L            | T     | 42.0/31.5    |
| Q1571   | 1530004140 | S.TRA L2SC4081RT1G <SLVJ>     | T     | 54.0/20.4    |
| D101    | 1750001810 | S.DIO L1SS400T1G <SLVJ>       | T     | 106.6/11.3   |
| D1001   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 72.0/11.5    |
| D1021   | 1750003070 | S.DIO BAP70Q <RYO>            | T     | 93.5/12.0    |
| D1041   | 1750003070 | S.DIO BAP70Q <RYO>            | T     | 91.6/27.5    |
| D1051   | 1750003100 | S.DIO BAR64-02V H6327 <RYOYO> | T     | 83.7/26.5    |
| D1052   | 1750003100 | S.DIO BAR64-02V H6327 <RYOYO> | T     | 82.7/30.4    |
| D1053   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 77.9/21.5    |
| D1081   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 75.5/16.7    |
| D1082   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 74.7/18.5    |
| D1083   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 72.1/18.5    |
| D1091   | 1750001810 | S.DIO L1SS400T1G <SLVJ>       | T     | 5.6/79.3     |
| D1101   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 73.8/23.5    |
| D1111   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 77.9/22.7    |
| D1112   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 96.2/57.9    |
| D1121   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 12.9/39.3    |
| D1122   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 15.0/68.5    |
| D1131   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 17.4/40.1    |
| D1132   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 18.6/67.7    |
| D1141   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 26.8/40.1    |
| D1142   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 25.2/66.8    |
| D1151   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 30.2/40.1    |
| D1152   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 30.3/66.8    |
| D1161   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 37.0/40.1    |
| D1162   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 35.4/66.8    |
| D1171   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 39.6/40.1    |
| D1172   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 40.4/66.8    |
| D1181   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 47.8/40.1    |
| D1182   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 45.5/66.5    |
| D1191   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 49.9/40.1    |
| D1192   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 50.7/66.5    |
| D1201   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 56.3/40.1    |
| D1202   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 54.7/66.5    |
| D1211   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 92.0/39.9    |
| D1212   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 90.8/58.9    |
| D1214   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 65.6/43.0    |
| D1221   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 83.4/39.9    |
| D1222   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 78.7/71.0    |
| D1231   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 85.5/39.9    |
| D1232   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 86.6/68.7    |
| D1241   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 64.6/45.2    |
| D1242   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 60.0/74.5    |
| D1243   | 1790001622 | S.DIO 1SV308L3F(T)            | [#03] |              |
|         | 1790001622 | S.DIO 1SV308L3F(T)            | [#05] |              |
|         | 1790001622 | S.DIO 1SV308L3F(T)            | [#06] |              |
| D1261   | 1790001622 | S.DIO 1SV308L3F(T)            | [#03] |              |
|         | 1790001622 | S.DIO 1SV308L3F(T)            | [#05] |              |
|         | 1790001622 | S.DIO 1SV308L3F(T)            | [#06] |              |
| D1262   | 1790001622 | S.DIO 1SV308L3F(T)            | [#03] |              |
|         | 1790001622 | S.DIO 1SV308L3F(T)            | [#05] |              |
|         | 1790001622 | S.DIO 1SV308L3F(T)            | [#06] |              |
| D1401   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 36.5/68.4    |
| D1402   | 1790001622 | S.DIO 1SV308L3F(T)            | T     | 34.6/78.3    |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

## [RF UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                     | M. | H/V LOCATION |
|---------|------------|---------------------------------|----|--------------|
| D1411   | 1790001622 | S.DIO 1SV308L3F(T)              | T  | 49.8/68.1    |
| D1412   | 1790001622 | S.DIO 1SV308L3F(T)              | T  | 34.6/80.8    |
| D1413   | 1790001622 | S.DIO 1SV308L3F(T)              | T  | 50.4/82.8    |
| D1414   | 1790001622 | S.DIO 1SV308L3F(T)              | T  | 48.8/82.8    |
| D1415   | 1790001622 | S.DIO 1SV308L3F(T)              | T  | 61.2/82.1    |
| D1416   | 1790001622 | S.DIO 1SV308L3F(T)              | T  | 61.2/84.9    |
| D1501   | 1750001810 | S.DIO L1SS400T1G <SLVJ>         | T  | 50.5/18.1    |
| D1521   | 1750002230 | S.DIO LRB751S-40T1G <SLVJ>      | T  | 44.1/19.1    |
| D1522   | 1750002230 | S.DIO LRB751S-40T1G <SLVJ>      | T  | 45.3/17.5    |
| D1523   | 1730002890 | S.ZEN DZ2J033MOL                | T  | 46.3/20.0    |
| D1531   | 1750001810 | S.DIO L1SS400T1G <SLVJ>         | T  | 46.1/22.7    |
| D1541   | 1750001810 | S.DIO L1SS400T1G <SLVJ>         | T  | 54.4/29.4    |
| D1542   | 1750001810 | S.DIO L1SS400T1G <SLVJ>         | T  | 49.5/31.0    |
| D1543   | 1750001810 | S.DIO L1SS400T1G <SLVJ>         | T  | 52.5/32.3    |
| D1561   | 1750002230 | S.DIO LRB751S-40T1G <SLVJ>      | T  | 41.6/29.5    |
| D1563   | 1750001810 | S.DIO L1SS400T1G <SLVJ>         | T  | 47.5/33.5    |
| L1022   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 95.6/16.1    |
| L1023   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 93.1/17.0    |
| L1041   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 93.0/23.4    |
| L1042   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 88.0/22.5    |
| L1043   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 90.5/22.5    |
| L1051   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 86.2/27.4    |
| L1052   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 85.3/22.9    |
| L1053   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 81.3/24.9    |
| L1081   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 72.5/13.7    |
| L1082   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 69.1/20.4    |
| L1083   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 66.4/24.6    |
| L1101   | 6200003241 | S.COI NLV32T-221J-PF            | T  | 76.2/25.8    |
| L1102   | 6200003241 | S.COI NLV32T-221J-PF            | T  | 75.2/32.7    |
| L1103   | 6200001851 | S.COI NLV32T-5R6J-PF            | T  | 70.9/27.9    |
| L1104   | 6200002961 | S.COI NLV32T-4R7J-PF            | T  | 70.1/31.5    |
| L1105   | 6200010680 | S.COI C2520C-R22G-A (0.22U)     | T  | 64.8/40.2    |
| L1106   | 6200010680 | S.COI C2520C-R22G-A (0.22U)     | T  | 61.1/42.2    |
| L1111   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 94.3/41.1    |
| L1112   | 6200010800 | S.COI C2520C-4R7G-A             | T  | 95.3/45.8    |
| L1113   | 6200010800 | S.COI C2520C-4R7G-A             | T  | 96.1/50.4    |
| L1114   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 94.9/55.0    |
| L1121   | 6200015770 | S.COI 1812CS-392XJLC            | T  | 10.0/42.7    |
| L1122   | 6200015780 | S.COI 1812CS-103XJLC            | T  | 10.8/60.8    |
| L1123   | 6200015770 | S.COI 1812CS-392XJLC            | T  | 10.1/68.5    |
| L1131   | 6200015790 | S.COI 1812CS-222XJLC            | T  | 16.6/47.0    |
| L1132   | 6200015800 | S.COI 1812CS-682XJLC            | T  | 15.9/54.6    |
| L1133   | 6200015790 | S.COI 1812CS-222XJLC            | T  | 15.6/63.5    |
| L1141   | 6200015810 | S.COI 1812CS-102XJLC            | T  | 22.5/43.3    |
| L1142   | 6200011820 | S.COI 1812CS-562XJLC            | T  | 22.1/53.5    |
| L1143   | 6200015810 | S.COI 1812CS-102XJLC            | T  | 23.0/62.8    |
| L1151   | 6200010530 | S.COI C2520C-R56G-A (0.56U)     | T  | 28.9/46.6    |
| L1152   | 6200015770 | S.COI 1812CS-392XJLC            | T  | 28.1/56.5    |
| L1153   | 6200010530 | S.COI C2520C-R56G-A (0.56U)     | T  | 28.9/64.2    |
| L1161   | 6200010960 | S.COI C2520C-R47G-A (0.47U)     | T  | 34.7/42.0    |
| L1162   | 6200015820 | S.COI 1812CS-272XJLC            | T  | 33.8/51.3    |
| L1163   | 6200010960 | S.COI C2520C-R47G-A (0.47U)     | T  | 33.7/63.3    |
| L1171   | 6200010530 | S.COI C2520C-R56G-A (0.56U)     | T  | 39.1/46.5    |
| L1172   | 6200015790 | S.COI 1812CS-222XJLC            | T  | 39.8/56.5    |
| L1173   | 6200010530 | S.COI C2520C-R56G-A (0.56U)     | T  | 39.0/64.1    |
| L1181   | 6200010870 | S.COI C2520C-R33G-A (0.33U)     | T  | 44.7/42.0    |
| L1182   | 6200015830 | S.COI 1812CS-152XJLC            | T  | 44.6/50.5    |
| L1183   | 6200010870 | S.COI C2520C-R33G-A (0.33U)     | T  | 43.7/62.9    |
| L1191   | 6200010670 | S.COI C2520C-R18G-A (0.18U)     | T  | 50.2/47.6    |
| L1192   | 6200015810 | S.COI 1812CS-102XJLC            | T  | 50.2/56.0    |
| L1193   | 6200010670 | S.COI C2520C-R18G-A (0.18U)     | T  | 49.2/63.3    |
| L1201   | 6200010660 | S.COI C2520C-R15G-A (0.15U)     | T  | 54.4/43.6    |
| L1202   | 6200010770 | S.COI C2520C-R68G-A             | T  | 54.7/51.3    |
| L1203   | 6200010660 | S.COI C2520C-R15G-A (0.15U)     | T  | 53.5/62.9    |
| L1211   | 6200010680 | S.COI C2520C-R22G-A (0.22U)     | T  | 89.2/41.2    |
| L1212   | 6200010660 | S.COI C2520C-R15G-A (0.15U)     | T  | 89.5/49.9    |
| L1213   | 6200010680 | S.COI C2520C-R22G-A (0.22U)     | T  | 89.9/56.0    |
| L1221   | 6200013000 | S.COI 0.25-1.9-13TL 135N <COMO> | T  | 80.3/41.2    |
| L1222   | 6200013000 | S.COI 0.25-1.9-13TL 135N <COMO> | T  | 78.3/46.3    |
| L1223   | 6200010680 | S.COI C2520C-R22G-A (0.22U)     | T  | 78.4/51.3    |
| L1224   | 6200013000 | S.COI 0.25-1.9-13TL 135N <COMO> | T  | 79.1/57.4    |
| L1225   | 6200013000 | S.COI 0.25-1.9-13TL 135N <COMO> | T  | 78.4/62.7    |
| L1226   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 78.0/68.7    |
| L1231   | 6200002041 | S.COI NLV25T-101J-PF            | T  | 84.5/45.1    |
| L1233   | 6200012510 | S.COI 0.25-1.9-8TL 72.0N <COMO> | T  | 84           |



## [RF UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                           | M. | H/V LOCATION |
|---------|------------|---------------------------------------|----|--------------|
| L1265   | 6200012690 | S.COI 0.30-2.5-7TL 100N <COMO> [03]   | T  | 71.3/58.5    |
|         | 6200012690 | S.COI 0.30-2.5-7TL 100N <COMO> [05]   |    |              |
|         | 6200012690 | S.COI 0.30-2.5-7TL 100N <COMO> [06]   |    |              |
| L1267   | 6200010660 | S.COI C2520C-R15G-A (0.15U) [03]      | T  | 69.8/63.8    |
|         | 6200010660 | S.COI C2520C-R15G-A (0.15U) [05]      |    |              |
|         | 6200010660 | S.COI C2520C-R15G-A (0.15U) [06]      |    |              |
| L1268   | 6200013080 | S.COI 0.25-1.9-10TL 97.0N <COMO> [03] | T  | 68.8/68.8    |
|         | 6200013080 | S.COI 0.25-1.9-10TL 97.0N <COMO> [05] |    |              |
|         | 6200013080 | S.COI 0.25-1.9-10TL 97.0N <COMO> [06] |    |              |
| L1269   | 6200013080 | S.COI 0.25-1.9-10TL 97.0N <COMO> [03] | T  | 67.5/73.5    |
|         | 6200013080 | S.COI 0.25-1.9-10TL 97.0N <COMO> [05] |    |              |
|         | 6200013080 | S.COI 0.25-1.9-10TL 97.0N <COMO> [06] |    |              |
| L1270   | 6200002041 | S.COI NLV25T-101J-PF [03]             | T  | 70.8/74.4    |
|         | 6200002041 | S.COI NLV25T-101J-PF [05]             |    |              |
|         | 6200002041 | S.COI NLV25T-101J-PF [06]             |    |              |
| L1291   | 6200013080 | S.COI 0.25-1.9-10TL 97.0N <COMO>      | T  | 84.0/56.5    |
| L1292   | 6200013080 | S.COI 0.25-1.9-10TL 97.0N <COMO>      | T  | 83.8/61.4    |
| L1401   | 6200002041 | S.COI NLV25T-101J-PF                  | T  | 29.5/70.9    |
| L1402   | 6200002041 | S.COI NLV25T-101J-PF                  | T  | 29.5/74.5    |
| L1411   | 6200002041 | S.COI NLV25T-101J-PF                  | T  | 41.0/69.6    |
| L1412   | 6140005310 | S.COI LR-589 (4KBL-S120062)           | T  | 50.4/75.1    |
| L1413   | 6200015400 | S.COI LQH43MN102J03L                  | T  | 43.8/75.1    |
| L1414   | 6200002041 | S.COI NLV25T-101J-PF                  | T  | 41.0/72.1    |
| L1415   | 6140005310 | S.COI LR-589 (4KBL-S120062)           | T  | 55.8/83.6    |
| L1416   | 6200005501 | S.COI NLV32T-471J-PF                  | T  | 45.8/84.8    |
| L1417   | 6200002041 | S.COI NLV25T-101J-PF                  | T  | 34.2/83.9    |
| L1418   | 6200002041 | S.COI NLV25T-101J-PF                  | T  | 60.7/79.3    |
| L1419   | 6200002041 | S.COI NLV25T-101J-PF                  | T  | 44.6/81.3    |
| L1431   | 6200002041 | S.COI NLV25T-101J-PF                  | T  | 30.9/78.2    |
| R101    | 7030010040 | S.RES ERJ2GEJ-JPW                     | T  | 99.8/62.7    |
| R102    | 7030010040 | S.RES ERJ2GEJ-JPW                     | T  | 106.9/26.5   |
| R103    | 7030008280 | S.RES ERJ2GEJ 271 X (270)             | T  | 101.8/15.1   |
| R201    | 7030010040 | S.RES ERJ2GEJ-JPW                     | T  | 102.4/68.2   |
| R1001   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)             | T  | 70.2/7.6     |
| R1002   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)             | T  | 71.4/8.1     |
| R1003   | 7030005120 | S.RES ERJ2GEJ 102 X (1K)              | T  | 73.5/10.3    |
| R1004   | 7030004980 | S.RES ERJ2GEJ 101 X (100)             | T  | 70.6/9.4     |
| R1011   | 7030010040 | S.RES ERJ2GEJ-JPW                     | T  | 85.6/12.7    |
| R1016   | 7030010040 | S.RES ERJ2GEJ-JPW                     | T  | 87.8/13.1    |
| R1021   | 7030008400 | S.RES ERJ2GEJ 182 X (1.8K)            | T  | 91.7/9.2     |
| R1022   | 7030005120 | S.RES ERJ2GEJ 102 X (1K)              | T  | 95.3/9.2     |
| R1023   | 7030008400 | S.RES ERJ2GEJ 182 X (1.8K)            | T  | 94.4/9.2     |
| R1024   | 7030008370 | S.RES ERJ2GEJ 561 X (560)             | T  | 91.4/13.6    |
| R1025   | 7030008370 | S.RES ERJ2GEJ 561 X (560)             | T  | 95.7/13.6    |
| R1026   | 7030004980 | S.RES ERJ2GEJ 101 X (100)             | T  | 93.5/14.5    |
| R1027   | 7030009140 | S.RES ERJ2GEJ 272 X (2.7K)            | T  | 93.9/8.0     |
| R1031   | 7030005530 | S.RES ERJ2GEJ 100 X (2.7K)            | T  | 94.8/23.8    |
| R1041   | 7030008400 | S.RES ERJ2GEJ 182 X (1.8K)            | T  | 92.4/30.2    |
| R1042   | 7030005120 | S.RES ERJ2GEJ 102 X (1K)              | T  | 92.8/31.4    |
| R1043   | 7030008400 | S.RES ERJ2GEJ 182 X (1.8K)            | T  | 89.7/30.2    |
| R1044   | 7030008370 | S.RES ERJ2GEJ 561 X (560)             | T  | 93.7/25.9    |
| R1045   | 7030008370 | S.RES ERJ2GEJ 561 X (560)             | T  | 89.4/25.9    |
| R1046   | 7030004980 | S.RES ERJ2GEJ 101 X (100)             | T  | 91.1/25.1    |
| R1047   | 7030009140 | S.RES ERJ2GEJ 272 X (2.7K)            | T  | 92.8/32.3    |
| R1051   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)             | T  | 83.5/31.9    |
| R1052   | 7030008290 | S.RES ERJ2GEJ 183 X (18K)             | T  | 86.8/32.5    |
| R1053   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)             | T  | 85.4/32.9    |
| R1054   | 7030004970 | S.RES ERJ2GEJ 470 X (47)              | T  | 84.4/27.8    |
| R1055   | 7030004970 | S.RES ERJ2GEJ 470 X (47)              | T  | 82.8/27.8    |
| R1056   | 7030010040 | S.RES ERJ2GEJ-JPW                     | T  | 83.1/21.5    |
| R1057   | 7030005710 | S.RES ERJ2GEJ 121 X (120)             | T  | 81.6/22.0    |
| R1058   | 7030010040 | S.RES ERJ2GEJ-JPW                     | T  | 84.0/21.5    |
| R1059   | 7030005120 | S.RES ERJ2GEJ 102 X (1K)              | T  | 80.4/25.0    |
| R1081   | 7030009160 | S.RES ERJ2GEJ 181 X (180)             | T  | 75.0/14.2    |
| R1082   | 7030005240 | S.RES ERJ2GEJ 473 X (47K)             | T  | 70.0/13.2    |
| R1083   | 7030009200 | S.RES ERJ2GEJ 390 X (39)              | T  | 73.3/15.6    |
| R1084   | 7030009200 | S.RES ERJ2GEJ 390 X (39)              | T  | 72.9/16.9    |
| R1085   | 7030011010 | S.RES ERJ2GEJ 8R2 X (8.2)             | T  | 73.9/19.9    |
| R1086   | 7030009160 | S.RES ERJ2GEJ 181 X (180)             | T  | 70.4/17.5    |
| R1087   | 7030005240 | S.RES ERJ2GEJ 473 X (47K)             | T  | 68.1/17.4    |
| R1088   | 7030012990 | S.RES ERJ8GEYJ 561V (560)             | T  | 73.5/20.4    |
| R1089   | 7030012990 | S.RES ERJ8GEYJ 561V (560)             | T  | 70.2/22.7    |
| R1091   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)             | T  | 8.7/75.2     |
| R1092   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)             | T  | 9.1/73.4     |
| R1111   | 7030009160 | S.RES ERJ2GEJ 181 X (180)             | T  | 96.3/42.1    |
| R1113   | 7030009160 | S.RES ERJ2GEJ 181 X (180)             | T  | 96.5/56.7    |
| R1114   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)             | T  | 29.4/31.7    |
| R1121   | 7030005710 | S.RES ERJ2GEJ 121 X (120)             | T  | 9.1/40.0     |
| R1122   | 7030009160 | S.RES ERJ2GEJ 181 X (180)             | T  | 9.1/65.2     |
| R1123   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)             | T  | 5.3/33.4     |
| R1131   | 7030005710 | S.RES ERJ2GEJ 121 X (120)             | T  | 15.5/42.7    |
| R1132   | 7030009160 | S.RES ERJ2GEJ 181 X (180)             | T  | 15.4/60.2    |
| R1133   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)             | T  | 5.4/27.9     |
| R1141   | 7030005710 | S.RES ERJ2GEJ 121 X (120)             | T  | 22.1/39.9    |
| R1142   | 7030009160 | S.RES ERJ2GEJ 181 X (180)             | T  | 20.5/58.0    |
| R1143   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)             | T  | 7.8/31.7     |
| R1151   | 7030005710 | S.RES ERJ2GEJ 121 X (120)             | T  | 29.2/42.5    |
| R1152   | 7030009160 | S.RES ERJ2GEJ 181 X (180)             | T  | 27.3/60.8    |
| R1153   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)             | T  | 9.0/27.9     |
| R1161   | 7030005710 | S.RES ERJ2GEJ 121 X (120)             | T  | 32.2/42.2    |
| R1162   | 7030009160 | S.RES ERJ2GEJ 181 X (180)             | T  | 33.0/56.1    |
| R1163   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)             | T  | 11.4/31.7    |
| R1171   | 7030005710 | S.RES ERJ2GEJ 121 X (120)             | T  | 38.9/44.4    |
| R1172   | 7030009160 | S.RES ERJ2GEJ 181 X (180)             | T  | 37.6/60.2    |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

## [RF UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                | M.      | H/V LOCATION |
|---------|------------|----------------------------|---------|--------------|
| R1173   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)  | T       | 12.6/27.9    |
| R1181   | 7030005710 | S.RES ERJ2GEJ 121 X (120)  | T       | 42.4/40.9    |
| R1182   | 7030009160 | S.RES ERJ2GEJ 181 X (180)  | T       | 43.6/55.9    |
| R1183   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)  | T       | 15.0/31.7    |
| R1191   | 7030005710 | S.RES ERJ2GEJ 121 X (120)  | T       | 47.6/46.1    |
| R1192   | 7030009160 | S.RES ERJ2GEJ 181 X (180)  | T       | 47.6/59.3    |
| R1193   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)  | T       | 16.2/27.9    |
| R1201   | 7030005710 | S.RES ERJ2GEJ 121 X (120)  | T       | 52.1/40.8    |
| R1202   | 7030009160 | S.RES ERJ2GEJ 181 X (180)  | T       | 53.9/56.0    |
| R1203   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)  | T       | 18.6/31.7    |
| R1211   | 7030005710 | S.RES ERJ2GEJ 121 X (120)  | T       | 88.5/44.4    |
| R1212   | 7030009160 | S.RES ERJ2GEJ 181 X (180)  | T       | 88.9/53.5    |
| R1213   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)  | T       | 19.8/27.9    |
| R1221   | 7030005710 | S.RES ERJ2GEJ 121 X (120)  | T       | 77.3/42.2    |
| R1222   | 7030009160 | S.RES ERJ2GEJ 181 X (180)  | T       | 76.9/71.3    |
| R1223   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)  | T       | 22.2/31.7    |
| R1231   | 7030005710 | S.RES ERJ2GEJ 121 X (120)  | T       | 83.9/46.9    |
| R1232   | 7030009160 | S.RES ERJ2GEJ 181 X (180)  | T       | 83.6/63.4    |
| R1233   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)  | T       | 23.4/27.9    |
| R1241   | 7030005710 | S.RES ERJ2GEJ 121 X (120)  | T       | 61.3/48.5    |
| R1242   | 7030009160 | S.RES ERJ2GEJ 181 X (180)  | T       | 60.8/53.6    |
| R1243   | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | T       | 25.8/31.7    |
| R1244   | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | [#03] T | 62.6/51.2    |
|         | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | [#05]   |              |
|         | 7030005120 | S.RES ERJ2GEJ 102 X (1K)   | [#06]   |              |
| R1261   | 7030005710 | S.RES ERJ2GEJ 121 X (120)  | [#03] T | 69.6/40.9    |
|         | 7030005710 | S.RES ERJ2GEJ 121 X (120)  | [#05]   |              |
|         | 7030005710 | S.RES ERJ2GEJ 121 X (120)  | [#06]   |              |
| R1262   | 7030009160 | S.RES ERJ2GEJ 181 X (180)  | [#03] T | 72.9/72.8    |
|         | 7030009160 | S.RES ERJ2GEJ 181 X (180)  | [#05]   |              |
|         | 7030009160 | S.RES ERJ2GEJ 181 X (180)  | [#06]   |              |
| R1263   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)  | [#03] T | 27.0/27.9    |
|         | 7030005220 | S.RES ERJ2GEJ 223 X (22K)  | [#05]   |              |
|         | 7030005220 | S.RES ERJ2GEJ 223 X (22K)  | [#06]   |              |
| R1311   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T       | 43.3/7.9     |
| R1312   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T       | 42.8/14.3    |
| R1313   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T       | 42.3/7.9     |
| R1314   | 7030009530 | S.RES ERJ2GEJ 270 X (27)   | T       | 41.8/14.3    |
| R1315   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T       | 41.3/7.9     |
| R1316   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T       | 40.8/14.3    |
| R1317   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T       | 40.3/7.9     |
| R1318   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T       | 39.8/14.3    |
| R1401   | 7030012990 | S.RES ERJ8GEYJ 561V (560)  | T       | 33.9/70.9    |
| R1402   | 7030012990 | S.RES ERJ8GEYJ 561V (560)  | T       | 33.9/74.5    |
| R1411   | 7030012990 | S.RES ERJ8GEYJ 561V (560)  | T       | 45.4/69.6    |
| R1412   | 7030007290 | S.RES ERJ2GEJ 222 X (2.2K) | T       | 50.9/69.6    |
| R1413   | 7030007290 | S.RES ERJ2GEJ 222 X (2.2K) | T       | 50.9/71.3    |
| R1414   | 7030005530 | S.RES ERJ2GEJ 100 X (10)   | T       | 54.2/75.5    |
| R1415   | 7030005590 | S.RES ERJ2GEJ 680 X (68)   | T       | 57.9/78.9    |
| R1416   | 7030008370 | S.RES ERJ2GEJ 561 X (560)  | T       | 47.3/82.8    |
| R1417   | 7030008370 | S.RES ERJ2GEJ 561 X (560)  | T       | 47.3/81.9    |
| R1418   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T       | 47.8/85.1    |
| R1419   | 7030008370 | S.RES ERJ2GEJ 561 X (560)  | T       | 63.8/82.6    |
| R1420   | 7030008370 | S.RES ERJ2GEJ 561 X (560)  | T       | 61.7/86.6    |
| R1421   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T       | 62.6/84.3    |
| R1422   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)  | T       | 42.8/85.9    |
| R1423   | 7030005220 | S.RES ERJ2GEJ 223 X (22K)  | T       | 42.8/83.0    |
| R1424   | 7030012990 | S.RES ERJ8GEYJ 561V (560)  | T       | 37.0/82.3    |
| R1431   | 7030009160 | S.RES ERJ2GEJ 181 X (180)  | T       | 32.5/80.3    |
| R1432   | 7030010040 | S.RES ERJ2GEJ-JPW          | T       | 28.1/80.8    |
| R1433   | 7030010040 | S.RES ERJ2GEJ-JPW          | T       | 25.8/80.3    |
| R1501   | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K) | T       | 51.3/19.5    |
| R1502   | 7030009140 | S.RES ERJ2GEJ 272 X (2.7K) | T       | 50.8/16.9    |
| R1503   | 7030012230 | S.RES ERJ2GEJ 475 X (4.7M) | T       | 50.4/19.5    |
| R1504   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T       | 47.8/29.9    |
| R1505   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T       | 40.0/27.3    |
| R1511   | 7030005700 | S.RES ERJ2GEJ 274 X (270K) | T       | 35.2/24.1    |
| R1521   | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T       | 44.1/17.1    |
| R1522   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T       | 49.5/19.5    |
| R1523   | 7030005110 | S.RES ERJ2GEJ 224 X (220K) | T       | 48.5/19.5    |
| R1524   | 7030005000 | S.RES ERJ2GEJ 471 X (470)  | T       | 46.4/15.6    |
| R1531   | 7030005240 | S.RES ERJ2GEJ 473 X (47K)  | T       | 42.1/23.5    |
| R1532   | 7030005230 | S.RES ERJ2GEJ 334 X (330K) | T       | 41.8/25.3    |
| R1533   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T       | 43.0/24.5    |
| R1534   | 7030005700 | S.RES ERJ2GEJ 274 X (270K) | T       | 44.2/24.0    |
| R1535   | 7030005000 | S.RES ERJ2GEJ 471 X (470)  | T       | 43.9/22.7    |
| R1541   | 7510001511 | S.THE NTCG16 4LH 223JT     | T       | 52.3/30.2    |
| R1542   | 7030008300 | S.RES ERJ2GEJ 184 X (180K) | T       | 55.5/29.1    |
| R1543   | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T       | 54.3/27.8    |
| R1544   | 7030007350 | S.RES ERJ2GEJ 393 X (39K)  | T       | 50.9/29.5    |
| R1545   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T       | 51.3/26.6    |
| R1546   | 7030008310 | S.RES ERJ2GEJ 564 X (560K) | T       | 53.1/28.2    |
| R1547   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T       | 53.3/30.6    |
| R1552   | 7030008290 | S.RES ERJ2GEJ 183 X (18K)  | T       | 39.5/23.1    |
| R1553   | 7030012220 | S.RES ERJ2GEJ 185 X (1.8M) | T       | 39.1/24.4    |
| R1554   | 7030007310 | S.RES ERJ2GEJ 155 X (1.5M) | T       | 37.6/23.8    |
| R1555   | 7030005070 | S.RES ERJ2GEJ 683 X (68K)  | T       | 40.0/26.4    |
| R1556   | 7030005170 | S.RES ERJ2GEJ 474 X (470K) | T       | 40.0/25.5    |
| R1557   | 7030012350 | S.RES ERJ2GEJ 335 X (3.3M) | T       | 36.4/24.4    |
| R1558   | 7030005030 | S.RES ERJ2GEJ 155 X (1.5K) | T       | 34.9/26.5    |
| R1560   | 7030007310 | S.RES ERJ2GEJ 152 X (1.5M) | T       | 44.3/26.6    |
| R1561   | 7030007290 | S.RES ERJ2GEJ 222 X (2.2K) | T       | 41.1/28.3    |
| R1562   | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T       | 43.3/28.4    |
| R1563   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T       | 43.1/27.4    |
| R1564   | 7030005080 | S.RES ERJ2GEJ 823 X (82K)  | T       | 43.1/25.6    |
| R1565   | 7030008300 | S.RES ERJ2GEJ 184 X (180K) | T       | 45.7/29.7    |
| R1566   | 7030005230 | S.RES ERJ2GEJ 334 X (330K) | T       | 46.6/29.7    |
| R1567   | 7030007280 | S.RES ERJ2GEJ 331 X (330)  | T       | 46.6/31.4    |
| R1568   | 7030009270 | S.RES ERJ2GEJ 821 X (820)  | T       | 46.2/32.3    |
| R1569   | 7030009140 | S.RES ERJ2GEJ 272 X (2.7K) | T       | 33.8/32.9    |
| R1571   | 7030005090 | S.RES ERJ2GEJ 104 X (100K) | T       | 53.6/24.4    |
| R1573   | 7030005070 | S.RES ERJ2GEJ 683 X (68K)  | T       | 53.6/23.5    |
| R1574   | 7030004980 | S.RES ERJ2GEJ 101 X (100)  | T       | 52.0/22.6    |
| R1575   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)  | T       | 53.1/17.7    |

## [RF UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION              | M. | H/V LOCATION |
|---------|------------|--------------------------|----|--------------|
| C102    | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 106.2/13.0   |
| C103    | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 103.9/13.0   |
| C201    | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 100.5/66.0   |
| C202    | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 99.4/66.0    |
| C1001   | 4030019120 | S.CER GRM188B31E105KA75D | T  | 74.7/11.5    |
| C1002   | 4030019120 | S.CER GRM188B31E105KA75D | T  | 70.3/10.5    |
| C1003   | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 70.2/8.5     |
| C1020   | 4030017780 | S.CER C1005 JB 1H 472K-T | T  | 89.9/13.1    |
| C1021   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 92.6/9.2     |
| C1022   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 93.5/9.2     |
| C1023   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 96.2/8.3     |
| C1024   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 93.1/19.6    |
| C1031   | 4030017780 | S.CER C1005 JB 1H 472K-T | T  | 97.3/15.7    |
| C1033   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 96.1/22.3    |
| C1034   | 4030017760 | S.CER C1005 JB 1H 222K-T | T  | 95.4/26.4    |
| C1041   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 91.5/30.2    |
| C1042   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 90.6/30.2    |
| C1043   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 94.1/31.8    |
| C1044   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 92.2/20.9    |
| C1045   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 88.2/26.4    |
| C1051   | 4030016790 | S.CER C1005 JB 1E 103K-T | T  | 84.4/31.9    |
| C1052   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 83.3/29.1    |
| C1053   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 80.6/30.4    |
| C1055   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 83.5/23.6    |
| C1056   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 80.7/27.0    |
| C1061   | 4030019460 | S.CER C1608 JB 0J 106M-T | T  | 65.1/11.8    |
| C1062   | 4030019620 | S.CER GRM188B31C225KE14D | T  | 64.1/6.7     |
| C1071   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 75.5/12.9    |
| C1081   | 4030019120 | S.CER GRM188B31E105KA75D | T  | 70.7/15.6    |
| C1082   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 75.0/15.1    |
| C1083   | 4030019120 | S.CER GRM188B31E105KA75D | T  | 68.6/18.5    |
| C1084   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 75.5/22.3    |
| C1085   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 68.2/26.1    |
| C1091   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 6.8/76.2     |
| C1092   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 4.2/71.5     |
| C1101   | 4030019120 | S.CER GRM188B31E105KA75D | T  | 76.5/29.4    |
| C1102   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 73.8/25.8    |
| C1103   | 4030018600 | S.CER C1608 CH 1H 152J-T | T  | 73.8/28.0    |
| C1104   | 4030020930 | S.CER C1608 CH 1H 682J-T | T  | 73.1/30.0    |
| C1105   | 4030020840 | S.CER C1608 CH 1H 272J-T | T  | 72.4/32.0    |
| C1106   | 4030011540 | S.CER C1608 CH 1H 750J-T | T  | 67.0/39.4    |
| C1107   | 4030007140 | S.CER C1608 CH 1H 121J-T | T  | 62.4/39.4    |
| C1108   | 4030011540 | S.CER C1608 CH 1H 750J-T | T  | 59.7/39.4    |
| C1111   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 93.8/39.0    |
| C1112   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 96.3/43.4    |
| C1113   | 4030018600 | S.CER C1608 CH 1H 152J-T | T  | 94.2/43.4    |
| C1115   | 4030019570 | S.CER C1608 CH 1H 332J-T | T  | 93.2/49.1    |
| C1117   | 4030018600 | S.CER C1608 CH 1H 152J-T | T  | 95.4/53.1    |
| C1121   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 8.2/39.1     |
| C1122   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 7.5/40.0     |
| C1123   | 4030018620 | S.CER C1608 CH 1H 222J-T | T  | 11.4/46.7    |
| C1125   | 4030017810 | S.CER C1608 CH 1H 102J-T | T  | 10.8/56.6    |
| C1127   | 4030018620 | S.CER C1608 CH 1H 222J-T | T  | 10.8/65.6    |
| C1129   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 6.2/68.5     |
| C1131   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 14.2/42.2    |
| C1132   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 15.1/44.1    |
| C1133   | 4030018620 | S.CER C1608 CH 1H 222J-T | T  | 17.6/42.9    |
| C1135   | 4030017870 | S.CER C1608 CH 1H 681J-T | T  | 16.3/50.4    |
| C1137   | 4030018620 | S.CER C1608 CH 1H 222J-T | T  | 17.1/60.7    |
| C1139   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 14.4/66.4    |
| C1141   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 22.1/38.9    |
| C1142   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 20.3/39.9    |
| C1143   | 4030018620 | S.CER C1608 CH 1H 222J-T | T  | 26.0/42.0    |
| C1145   | 4030011330 | S.CER C1608 CH 1H 391J-T | T  | 21.5/48.9    |
| C1147   | 4030018620 | S.CER C1608 CH 1H 222J-T | T  | 22.6/58.0    |
| C1149   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 20.5/59.3    |
| C1151   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 28.7/41.2    |
| C1152   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 28.8/43.8    |
| C1153   | 4030018600 | S.CER C1608 CH 1H 152J-T | T  | 28.1/48.8    |
| C1155   | 4030007170 | S.CER C1608 CH 1H 221J-T | T  | 26.7/52.2    |
| C1157   | 4030018600 | S.CER C1608 CH 1H 152J-T | T  | 29.1/61.9    |
| C1159   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 26.9/62.1    |
| C1161   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 31.8/41.0    |
| C1162   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 32.2/43.5    |
| C1163   | 4030018590 | S.CER C1608 CH 1H 122J-T | T  | 33.4/45.9    |
| C1165   | 4030010750 | S.CER C1608 CH 1H 201J-T | T  | 32.9/48.0    |
| C1167   | 4030018590 | S.CER C1608 CH 1H 122J-T | T  | 33.9/60.1    |
| C1169   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 32.6/57.7    |
| C1171   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 38.0/43.5    |
| C1172   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 37.1/44.4    |
| C1173   | 4030017870 | S.CER C1608 CH 1H 681J-T | T  | 39.5/50.0    |
| C1175   | 4030007160 | S.CER C1608 CH 1H 181J-T | T  | 38.9/51.8    |
| C1177   | 4030017870 | S.CER C1608 CH 1H 681J-T | T  | 39.6/61.8    |
| C1179   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 37.1/61.8    |
| C1181   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 41.4/40.9    |
| C1182   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 42.0/42.1    |
| C1183   | 4030017800 | S.CER C1608 CH 1H 561J-T | T  | 46.9/42.5    |
| C1185   | 4030007140 | S.CER C1608 CH 1H 121J-T | T  | 43.3/46.8    |
| C1187   | 4030017800 | S.CER C1608 CH 1H 561J-T | T  | 44.3/60.0    |
| C1189   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 43.1/57.3    |
| C1191   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 47.2/44.9    |
| C1192   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 47.2/47.5    |
| C1193   | 4030011330 | S.CER C1608 CH 1H 391J-T | T  | 49.3/45.3    |
| C1195   | 4030007120 | S.CER C1608 CH 1H 820J-T | T  | 49.0/51.8    |
| C1197   | 4030011330 | S.CER C1608 CH 1H 391J-T | T  | 49.3/61.0    |
| C1199   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 47.1/61.0    |
| C1201   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 51.1/40.8    |
| C1202   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 51.6/42.0    |
| C1203   | 4030011280 | S.CER C1608 CH 1H 271J-T | T  | 54.4/40.9    |
| C1205   | 4030007110 | S.CER C1608 CH 1H 680J-T | T  | 54.2/48.0    |
| C1207   | 4030011280 | S.CER C1608 CH 1H 271J-T | T  | 54.6/58.4    |
| C1209   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 53.4/57.3    |
| C1211   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 87.3/44.0    |
| C1212   | 4030019990 | S.CER C1005 JB 1C 104K-T | T  | 88.1/45.6    |
| C1213   | 4030007100 | S.CER C1608 CH 1H 560J-T | T  | 90.2/44.7    |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

## [RF UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION |                         | M.      | H/V LOCATION |
|---------|------------|-------------|-------------------------|---------|--------------|
| C1215   | 4030007120 | S.CER       | C1608 CH 1H 820J-T      | T       | 91.0/46.5    |
| C1217   | 4030007100 | S.CER       | C1608 CH 1H 560J-T      | T       | 90.7/53.8    |
| C1219   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | T       | 88.0/53.5    |
| C1220   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | T       | 76.9/70.4    |
| C1221   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | T       | 76.9/41.0    |
| C1222   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | T       | 76.9/43.5    |
| C1223   | 4030007100 | S.CER       | C1608 CH 1H 560J-T      | T       | 81.1/44.1    |
| C1224   | 4030007170 | S.CER       | C1608 CH 1H 221J-T      | T       | 79.2/43.4    |
| C1225   | 4030011540 | S.CER       | C1608 CH 1H 750J-T      | T       | 80.4/46.7    |
| C1226   | 4030007100 | S.CER       | C1608 CH 1H 560J-T      | T       | 77.4/53.8    |
| C1227   | 4030007070 | S.CER       | C1608 CH 1H 330J-T      | T       | 78.1/55.2    |
| C1228   | 4030007110 | S.CER       | C1608 CH 1H 680J-T      | T       | 77.4/59.7    |
| C1229   | 4030007040 | S.CER       | C1608 CH 1H 180J-T      | T       | 80.6/62.7    |
| C1230   | 4030007080 | S.CER       | C1608 CH 1H 390J-T      | T       | 77.7/65.8    |
| C1231   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | T       | 82.7/47.6    |
| C1232   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | T       | 84.1/43.4    |
| C1233   | 4030007110 | S.CER       | C1608 CH 1H 680J-T      | T       | 85.1/48.3    |
| C1234   | 4030009990 | S.CER       | C1608 CH 1H 200J-T      | T       | 85.1/52.7    |
| C1235   | 4030007090 | S.CER       | C1608 CH 1H 470J-T      | T       | 82.4/53.9    |
| C1239   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | T       | 83.6/64.3    |
| C1241   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | T       | 60.0/49.0    |
| C1242   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | T       | 60.0/48.1    |
| C1243   | 4030010750 | S.CER       | C1608 CH 1H 201J-T      | T       | 63.8/48.1    |
| C1245   | 4030007000 | S.CER       | C1608 CH 1H 090D-T      | T       | 64.6/51.2    |
| C1247   | 4030010750 | S.CER       | C1608 CH 1H 201J-T      | T       | 61.1/56.0    |
| C1249   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | T       | 60.3/57.6    |
| C1250   | 4030007090 | S.CER       | C1608 CH 1H 470J-T      | T       | 60.3/60.6    |
| C1251   | 4030007110 | S.CER       | C1608 CH 1H 680J-T      | T       | 61.0/62.5    |
| C1252   | 4030007130 | S.CER       | C1608 CH 1H 101J-T ATEX | T       | 60.3/64.4    |
| C1253   | 4030007070 | S.CER       | C1608 CH 1H 330J-T      | T       | 62.9/65.7    |
| C1254   | 4030007120 | S.CER       | C1608 CH 1H 820J-T      | T       | 60.3/65.7    |
| C1255   | 4030007060 | S.CER       | C1608 CH 1H 270J-T      | T       | 64.6/71.8    |
| C1256   | 4030007090 | S.CER       | C1608 CH 1H 470J-T      | T       | 60.0/71.9    |
| C1257   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | [#03] T | 62.6/50.3    |
|         | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | [#05]   |              |
|         | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | [#06]   |              |
| C1261   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | [#03] T | 69.2/39.7    |
|         | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | [#05]   |              |
|         | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | [#06]   |              |
| C1262   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | [#03] T | 69.1/42.1    |
|         | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | [#05]   |              |
|         | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | [#06]   |              |
| C1263   | 4030007130 | S.CER       | C1608 CH 1H 101J-T ATEX | [#03] T | 69.6/43.6    |
|         | 4030007130 | S.CER       | C1608 CH 1H 101J-T ATEX | [#05]   |              |
|         | 4030007130 | S.CER       | C1608 CH 1H 101J-T ATEX | [#06]   |              |
| C1265   | 4030007020 | S.CER       | C1608 CH 1H 120J-T      | [#03] T | 72.8/44.3    |
|         | 4030007020 | S.CER       | C1608 CH 1H 120J-T      | [#05]   |              |
|         | 4030007020 | S.CER       | C1608 CH 1H 120J-T      | [#06]   |              |
| C1267   | 4030007130 | S.CER       | C1608 CH 1H 101J-T ATEX | [#03] T | 67.9/50.7    |
|         | 4030007130 | S.CER       | C1608 CH 1H 101J-T ATEX | [#05]   |              |
|         | 4030007130 | S.CER       | C1608 CH 1H 101J-T ATEX | [#06]   |              |
| C1269   | 4030007070 | S.CER       | C1608 CH 1H 330J-T      | [#03] T | 67.9/54.1    |
|         | 4030007070 | S.CER       | C1608 CH 1H 330J-T      | [#05]   |              |
|         | 4030007070 | S.CER       | C1608 CH 1H 330J-T      | [#06]   |              |
| C1270   | 4030007030 | S.CER       | C1608 CH 1H 150J-T      | [#03] T | 70.9/55.7    |
|         | 4030007030 | S.CER       | C1608 CH 1H 150J-T      | [#05]   |              |
|         | 4030007030 | S.CER       | C1608 CH 1H 150J-T      | [#06]   |              |
| C1271   | 4030011540 | S.CER       | C1608 CH 1H 750J-T      | [#03] T | 67.9/55.8    |
|         | 4030011540 | S.CER       | C1608 CH 1H 750J-T      | [#05]   |              |
|         | 4030011540 | S.CER       | C1608 CH 1H 750J-T      | [#06]   |              |
| C1272   | 4030006990 | S.CER       | C1608 CH 1H 080D-T      | [#03] T | 68.6/58.1    |
|         | 4030006990 | S.CER       | C1608 CH 1H 080D-T      | [#05]   |              |
|         | 4030006990 | S.CER       | C1608 CH 1H 080D-T      | [#06]   |              |
| C1273   | 4030007090 | S.CER       | C1608 CH 1H 470J-T      | [#03] T | 67.9/60.3    |
|         | 4030007090 | S.CER       | C1608 CH 1H 470J-T      | [#05]   |              |
|         | 4030007090 | S.CER       | C1608 CH 1H 470J-T      | [#06]   |              |
| C1274   | 4030007120 | S.CER       | C1608 CH 1H 820J-T      | [#03] T | 72.5/61.9    |
|         | 4030007120 | S.CER       | C1608 CH 1H 820J-T      | [#05]   |              |
|         | 4030007120 | S.CER       | C1608 CH 1H 820J-T      | [#06]   |              |
| C1275   | 4030007090 | S.CER       | C1608 CH 1H 470J-T      | [#03] T | 70.2/61.5    |
|         | 4030007090 | S.CER       | C1608 CH 1H 470J-T      | [#05]   |              |
|         | 4030007090 | S.CER       | C1608 CH 1H 470J-T      | [#06]   |              |
| C1276   | 4030007070 | S.CER       | C1608 CH 1H 330J-T      | [#03] T | 72.5/64.7    |
|         | 4030007070 | S.CER       | C1608 CH 1H 330J-T      | [#05]   |              |
|         | 4030007070 | S.CER       | C1608 CH 1H 330J-T      | [#06]   |              |
| C1277   | 4030007130 | S.CER       | C1608 CH 1H 101J-T ATEX | [#03] T | 71.0/66.6    |
|         | 4030007130 | S.CER       | C1608 CH 1H 101J-T ATEX | [#05]   |              |
|         | 4030007130 | S.CER       | C1608 CH 1H 101J-T ATEX | [#06]   |              |
| C1278   | 4030007060 | S.CER       | C1608 CH 1H 270J-T      | [#03] T | 71.8/68.7    |
|         | 4030007060 | S.CER       | C1608 CH 1H 270J-T      | [#05]   |              |
|         | 4030007060 | S.CER       | C1608 CH 1H 270J-T      | [#06]   |              |
| C1279   | 4030010760 | S.CER       | C1608 CH 1H 331J-T      | [#03] T | 71.0/71.1    |
|         | 4030010760 | S.CER       | C1608 CH 1H 331J-T      | [#05]   |              |
|         | 4030010760 | S.CER       | C1608 CH 1H 331J-T      | [#06]   |              |
| C1280   | 4030007090 | S.CER       | C1608 CH 1H 470J-T      | [#03] T | 73.3/70.2    |
|         | 4030007090 | S.CER       | C1608 CH 1H 470J-T      | [#05]   |              |
|         | 4030007090 | S.CER       | C1608 CH 1H 470J-T      | [#06]   |              |
| C1291   | 4030008560 | S.CER       | C1608 CH 1H 300J-T      | T       | 85.1/53.9    |
| C1292   | 4030007160 | S.CER       | C1608 CH 1H 181J-T      | T       | 85.1/59.1    |
| C1293   | 4030007080 | S.CER       | C1608 CH 1H 390J-T      | T       | 86.6/61.3    |
| C1294   | 4030007120 | S.CER       | C1608 CH 1H 820J-T      | T       | 85.9/63.8    |
| C1295   | 4030007090 | S.CER       | C1608 CH 1H 470J-T      | T       | 86.6/65.7    |
| C1301   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | T       | 30.7/18.6    |
| C1302   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | T       | 21.1/18.6    |
| C1303   | 4030019990 | S.CER       | C1005 JB 1C 104K-T      | T       | 11.6/18.6    |
| C1311   | 4030017460 | S.CER       | C1005 JB 1H 102K-T      | T       | 43.3/5.7     |
| C1312   | 4030017460 | S.CER       | C1005 JB 1H 102K-T      | T       | 42.8/16.4    |
| C1313   | 4030017400 | S.CER       | C1005 CH 1H 220J-T      | T       | 42.3/5.7     |
| C1314   | 4030017400 | S.CER       | C1005 CH 1H 220J-T      | T       | 41.8/16.4    |
| C1315   | 4030017460 | S.CER       | C1005 JB 1H 102K-T      | T       | 41.3/5.7     |
| C1316   | 4030017400 | S.CER       | C1005 CH 1H 220J-T      | T       | 40.8/16.4    |
| C1317   | 4030017460 | S.CER       | C1005 JB 1H 102K-T      | T       | 40.3/5.7     |
| C1318   | 4030017460 | S.CER       | C1005 JB 1H 102K-T      | T       | 39.8/16.4    |
| C1319   | 4030017460 | S.CER       | C1005 JB 1H 102K-T      | T       | 39.3/5.7     |
| C1320   | 4030017460 | S.CER       | C1005 JB 1H 102K-T      | T       | 38.8/16.4    |



## [RF UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                   | M. | H/V LOCATION |
|---------|------------|-------------------------------|----|--------------|
| C1321   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 38.3/5.7     |
| C1322   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 37.8/16.4    |
| C1323   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 37.3/5.7     |
| C1324   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 36.8/16.4    |
| C1325   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 36.3/5.7     |
| C1326   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 35.8/16.4    |
| C1401   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 35.4/72.7    |
| C1402   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 26.7/70.9    |
| C1411   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 38.5/69.6    |
| C1412   | 4030019560 | S.CER GRM21BB31C106KE15L      | T  | 53.6/71.3    |
| C1413   | 4030019120 | S.CER GRM188B31E105KA75D      | T  | 52.0/70.1    |
| C1414   | 4030019120 | S.CER GRM188B31E105KA75D      | T  | 48.8/70.1    |
| C1415   | 4030019120 | S.CER GRM188B31E105KA75D      | T  | 50.4/80.3    |
| C1416   | 4030019120 | S.CER GRM188B31E105KA75D      | T  | 48.8/80.3    |
| C1417   | 4030019120 | S.CER GRM188B31E105KA75D      | T  | 38.9/75.1    |
| C1418   | 4030017640 | S.CER C1005 CH 1H 150J-T      | T  | 54.6/74.3    |
| C1419   | 4030019120 | S.CER GRM188B31E105KA75D      | T  | 59.8/82.0    |
| C1420   | 4030019120 | S.CER GRM188B31E105KA75D      | T  | 59.8/84.9    |
| C1421   | 4030019120 | S.CER GRM188B31E105KA75D      | T  | 62.6/82.1    |
| C1422   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 41.0/84.5    |
| C1423   | 4030019120 | S.CER GRM188B31E105KA75D      | T  | 51.0/85.1    |
| C1424   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 44.8/86.8    |
| C1425   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 41.0/81.6    |
| C1426   | 4030019120 | S.CER GRM188B31E105KA75D      | T  | 51.0/86.4    |
| C1431   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 31.1/80.8    |
| C1501   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 49.0/29.5    |
| C1502   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 35.0/28.3    |
| C1551   | 4030019620 | S.CER GRM188B31C225KE14D      | T  | 36.3/21.7    |
| C1553   | 4030017460 | S.CER C1005 JB 1H 102K-T      | T  | 36.4/23.5    |
| C1561   | 4030016790 | S.CER C1005 JB 1E 103K-T      | T  | 41.8/26.9    |
| C1562   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 43.1/26.9    |
| C1565   | 4030019120 | S.CER GRM188B31E105KA75D      | T  | 41.6/33.2    |
| C1569   | 4030008770 | S.CER C1608 JB 1H 562K-T      | T  | 43.6/30.3    |
| C1571   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 54.9/17.7    |
| RL101   | 6330002020 | REL FTR-B4CA009Z              |    |              |
| J101    | 6450002520 | CON RL-1515-2(B.B)-L <KUO>    |    |              |
| J201    | 6510031660 | CON LGR4609-7100F             |    |              |
| J1001   | 6510028210 | CON SJ050010 (TMP-J01X-V6)    |    |              |
| J1071   | 6510028210 | CON SJ050010 (TMP-J01X-V6)    |    |              |
| J1311   | 6510021722 | S.CON 30FLT-SM2-TB(LF)(SN)(M) | T  | 42.0/11.0    |
| J1431   | 6510028210 | CON SJ050010 (TMP-J01X-V6)    |    |              |
| EP101   | 6910023350 | S.BEA MMZ1005B601CT           | T  | 97.5/37.1    |
| EP102   | 6910018930 | S.BEA MPZ2012S601A            | T  | 103.8/26.4   |
| EP201   | 6910023350 | S.BEA MMZ1005B601CT           | T  | 100.5/68.1   |
| EP202   | 6910023350 | S.BEA MMZ1005B601CT           | T  | 99.4/68.1    |
| EP1021  | 6910018460 | S.BEA MMZ1005Y102C-T          | T  | 94.3/19.1    |
| EP1022  | 6910018460 | S.BEA MMZ1005Y102C-T          | T  | 96.2/9.9     |
| EP1041  | 6910018460 | S.BEA MMZ1005Y102C-T          | T  | 93.4/21.3    |
| EP1042  | 6910018460 | S.BEA MMZ1005Y102C-T          | T  | 93.3/30.2    |
| EP1051  | 6910018460 | S.BEA MMZ1005Y102C-T          | T  | 81.5/31.5    |
| EP1053  | 6910018460 | S.BEA MMZ1005Y102C-T          | T  | 81.9/27.5    |
| EP1311  | 6910019900 | S.BEA MPZ1608S601AT           | T  | 50.0/7.6     |
| EP1312  | 6910019900 | S.BEA MPZ1608S601AT           | T  | 49.4/14.0    |
| EP1313  | 6910023350 | S.BEA MMZ1005B601CT           | T  | 46.8/14.3    |
| EP1314  | 6910021240 | S.BEA MMZ1005A152ET           | T  | 39.3/7.9     |
| EP1315  | 6910021240 | S.BEA MMZ1005A152ET           | T  | 38.8/14.3    |
| EP1316  | 6910021240 | S.BEA MMZ1005A152ET           | T  | 38.3/7.9     |
| EP1317  | 6910021240 | S.BEA MMZ1005A152ET           | T  | 37.8/14.3    |
| EP1318  | 6910021240 | S.BEA MMZ1005A152ET           | T  | 37.3/7.9     |
| EP1319  | 6910021240 | S.BEA MMZ1005A152ET           | T  | 36.8/14.3    |
| EP1320  | 6910021240 | S.BEA MMZ1005A152ET           | T  | 36.3/7.9     |
| EP1321  | 6910021240 | S.BEA MMZ1005A152ET           | T  | 35.8/14.3    |

## [PA UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                   | M. | H/V LOCATION |
|---------|------------|-------------------------------|----|--------------|
| IC211   | 1110007950 | S.IC INA199A2DCKR             | T  | 98.6/90.2    |
| IC221   | 1180002080 | S.REG BA09FP-E2               | T  | 105.4/72.2   |
| IC751   | 1130010550 | S.IC SN74AHC595PWR            | T  | 20.5/81.0    |
| IC981   | 1110008550 | S.IC NJM2904CRB1-TE1-#HMZR    | T  | 9.9/72.1     |
| Q101    | 1560001091 | S.FET 2SK2854(T2LICOMF)       | T  | 19.3/165.5   |
| Q111    | 1560001550 | S.FET RD01MUS2-T113           | T  | 30.0/161.9   |
| Q121    | 1560001530 | FET RD15HVF1-101              |    |              |
| Q131    | 1560001591 | FET RD70HVF1C-121             |    |              |
| Q132    | 1560001591 | FET RD70HVF1C-121             |    |              |
| Q221    | 1590005140 | S.FET TJ50S06M3L(T6L1NQ       | T  | 107.0/82.3   |
| Q222    | 1560002190 | S.FET RUM002N02T2L            | T  | 112.5/81.8   |
| Q341    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T  | 10.9/103.8   |
| Q342    | 1590004310 | S.TRA LDTC143ZET1G <SLVJ>     | T  | 13.2/103.8   |
| Q771    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T  | 28.0/73.7    |
| Q772    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T  | 28.0/75.8    |
| Q773    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T  | 28.0/77.9    |
| Q774    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T  | 28.0/80.0    |
| Q775    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T  | 28.0/82.1    |
| Q776    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T  | 28.0/84.2    |
| Q777    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T  | 28.0/86.3    |
| Q778    | 1590004690 | S.TRA LDTC143ZET1G <SLVJ>     | T  | 28.0/88.4    |
| Q781    | 1590004040 | S.TRA LDTC123YET1G <SLVJ>     | T  | 30.4/73.2    |
| Q782    | 1590004040 | S.TRA LDTC123YET1G <SLVJ>     | T  | 30.4/75.3    |
| Q783    | 1590004040 | S.TRA LDTC123YET1G <SLVJ>     | T  | 30.4/77.4    |
| Q784    | 1590004040 | S.TRA LDTC123YET1G <SLVJ>     | T  | 30.4/79.5    |
| Q785    | 1590004040 | S.TRA LDTC123YET1G <SLVJ>     | T  | 30.4/81.6    |
| Q786    | 1590004040 | S.TRA LDTC123YET1G <SLVJ>     | T  | 30.4/83.7    |
| Q787    | 1590004040 | S.TRA LDTC123YET1G <SLVJ>     | T  | 30.4/85.8    |
| Q811    | 1530003960 | S.TRA KTC2875-B-RTK/P         | T  | 44.2/4.7     |
| D101    | 1750001180 | S.DIO KDS122 RTK/P            | T  | 12.3/157.8   |
| D102    | 1750001180 | S.DIO KDS122 RTK/P            | T  | 14.8/157.8   |
| D171    | 1750001810 | S.DIO L1SS400T1G <SLVJ>       | T  | 66.4/126.3   |
| D172    | 1750001810 | S.DIO L1SS400T1G <SLVJ>       | T  | 37.5/126.3   |
| D201    | 1750002000 | S.ZEN DZ2J180MOL              | T  | 86.4/132.6   |
| D202    | 1710000831 | S.DIO DF30SC4M-7072           | T  | 97.5/130.4   |
| D301    | 1750002230 | S.DIO LRB751S-40T1G <SLVJ>    | T  | 76.6/133.4   |
| D302    | 1750002230 | S.DIO LRB751S-40T1G <SLVJ>    | T  | 27.4/133.4   |
| D801    | 1750001180 | S.DIO KDS122 RTK/P            | T  | 76.9/6.8     |
| D811    | 1750003100 | S.DIO BAR64-02V H6327 <RYOYO> | T  | 50.7/4.8     |
| D812    | 1750003100 | S.DIO BAR64-02V H6327 <RYOYO> | T  | 47.3/4.8     |
| D820    | 1750001180 | S.DIO KDS122 RTK/P            | T  | 41.7/58.3    |
| D840    | 1750001180 | S.DIO KDS122 RTK/P            | T  | 99.5/64.8    |
| D860    | 1750001180 | S.DIO KDS122 RTK/P            | T  | 87.3/64.8    |
| D880    | 1750001180 | S.DIO KDS122 RTK/P            | T  | 53.6/58.3    |
| D900    | 1750001180 | S.DIO KDS122 RTK/P            | T  | 15.2/58.8    |
| D920    | 1750001180 | S.DIO KDS122 RTK/P            | T  | 111.4/64.8   |
| D940    | 1750001180 | S.DIO KDS122 RTK/P            | T  | 29.1/58.3    |
| D961    | 1750002230 | S.DIO LRB751S-40T1G <SLVJ>    | T  | 84.3/2.2     |
| D962    | 1750002230 | S.DIO LRB751S-40T1G <SLVJ>    | T  | 98.1/2.2     |
| D965    | 1750001810 | S.DIO L1SS400T1G <SLVJ>       | T  | 24.3/88.9    |
| D966    | 1750001810 | S.DIO L1SS400T1G <SLVJ>       | T  | 24.3/87.6    |
| L101    | 6200005051 | S.COI NLV25T-330J-PF          | B  | 65.0/49.2    |
| L112    | 6200005131 | S.COI NLC453232T-101K-PF      | T  | 32.8/156.5   |
| L121    | 6200010160 | S.COI AS080440-22N            | T  | 43.6/150.8   |
| L131    | 6140005580 | COI LR-606 <KN>               |    |              |
| L132    | 6140005300 | COI LR-580 (TRB10X5X5 6DB)    |    |              |
| L133    | 6140005570 | COI LR-605 <KN>               |    |              |
| L134    | 6140004570 | COI LR-507                    |    |              |
| L306    | 6110001730 | COI LA-262                    |    |              |
| L331    | 6200003241 | S.COI NLV32T-221J-PF          | T  | 12.3/140.4   |
| L332    | 6200003241 | S.COI NLV32T-221J-PF          | T  | 12.3/143.4   |
| L711    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 102.4/66.9   |
| L801    | 6200010650 | S.COI C2520C-R12G-A (0.12U)   | T  | 62.3/4.0     |
| L802    | 6200010650 | S.COI C2520C-R12G-A (0.12U)   | T  | 66.7/5.0     |
| L803    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 76.9/4.3     |
| L820    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 38.9/58.7    |
| L822    | 6110002900 | COI LA-479                    |    |              |
| L823    | 6140003460 | COI LR-388 (T50-10)           |    |              |
| L831    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 52.5/11.3    |
| L840    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 96.7/65.1    |
| L841    | 6140001820 | COI LR-218 (T50-10)           |    |              |
| L842    | 6140001800 | COI LR-216 (T50-2)            |    |              |
| L851    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 97.3/18.0    |
| L860    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 82.6/65.1    |
| L861    | 6110003980 | COI LA-604                    |    |              |
| L862    | 6110003880 | COI LA-590                    |    |              |
| L863    | 6110003550 | COI LA-547 (LA-214A)          |    |              |
| L871    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 82.7/17.4    |
| L880    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 50.8/58.7    |
| L881    | 6140002570 | COI LR-294 (T50-2)            |    |              |
| L882    | 6140002580 | COI LR-295 (T50-2)            |    |              |
| L891    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 67.3/10.4    |
| L900    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 12.4/59.4    |
| L901    | 6140002560 | COI LR-293 (T50-10)           |    |              |
| L902    | 6140002560 | COI LR-293 (T50-10)           |    |              |
| L903    | 6140002560 | COI LR-293 (T50-10)           |    |              |
| L911    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 23.0/11.3    |
| L920    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 108.6/64.3   |
| L921    | 6140001800 | COI LR-216 (T50-2)            |    |              |
| L922    | 6140001780 | COI LR-214 (T50-2)            |    |              |
| L931    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 112.0/18.6   |
| L940    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 26.3/58.7    |
| L942    | 6140003540 | COI LR-396                    |    |              |
| L943    | 6140002020 | COI LR-229 (T50-10)           |    |              |
| L951    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 37.8/11.3    |
| L952    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 3.3/58.5     |
| L961    | 6140004721 | COI LR-532A                   |    |              |
| L981    | 6200002041 | S.COI NLV25T-101J-PF          | T  | 14.1/71.0    |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

## [PA UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                          | M. | H/V LOCATION |
|---------|------------|--------------------------------------|----|--------------|
| R101    | 7030008280 | S.RES ERJ2GEJ 271 X (270)            | T  | 12.1/159.9   |
| R102    | 7030010090 | S.RES ERJ2GEJ 180 X (18)             | T  | 15.0/159.9   |
| R103    | 7030008280 | S.RES ERJ2GEJ 271 X (270)            | T  | 16.8/159.9   |
| R104    | 7030005590 | S.RES ERJ2GEJ 680 X (68)             | T  | 15.9/163.0   |
| R105    | 7030009270 | S.RES ERJ2GEJ 821 X (820)            | T  | 20.4/162.3   |
| R106    | 7030007290 | S.RES ERJ2GEJ 222 X (2.2K)           | T  | 15.1/165.5   |
| R107    | 7030005290 | S.RES ERJ2GEJ 682 X (6.8K)           | T  | 15.9/164.2   |
| R108    | 7030005000 | S.RES ERJ2GEJ 471 X (470)            | T  | 24.9/164.8   |
| R109    | 7030008190 | S.RES ERJ12YJ330U (33)               | T  | 14.2/153.2   |
| R111    | 7030005580 | S.RES ERJ2GEJ 560 X (56)             | T  | 26.3/165.4   |
| R112    | 7030009140 | S.RES ERJ2GEJ 272 X (2.7K)           | T  | 26.9/167.8   |
| R113    | 7030005290 | S.RES ERJ2GEJ 682 X (6.8K)           | T  | 25.4/166.4   |
| R114    | 7030009270 | S.RES ERJ2GEJ 821 X (820)            | T  | 26.8/160.9   |
| R115    | 7030005000 | S.RES ERJ2GEJ 471 X (470)            | T  | 26.6/157.2   |
| R121    | 7030005580 | S.RES ERJ2GEJ 560 X (56)             | T  | 37.2/163.9   |
| R122    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)             | T  | 34.1/164.0   |
| R123    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K)           | T  | 35.5/165.5   |
| R124    | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 35.5/166.5   |
| R125    | 7030006230 | S.RES ERJ12YJ151U (150)              | T  | 37.8/152.8   |
| R131    | 7030010520 | S.RES ERJ1TYJ 101U (100)             | T  | 52.0/131.6   |
| R132    | 7030009300 | S.RES ERJ1WY0R00U                    | T  | 62.5/132.0   |
| R133    | 7030009300 | S.RES ERJ1WY0R00U                    | T  | 41.5/132.0   |
| R134    | 7030013970 | S.RES LTR50UZP2J20                   | T  | 72.5/132.4   |
| R135    | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 78.9/133.4   |
| R136    | 7030013970 | S.RES LTR50UZP2J20                   | T  | 31.5/132.4   |
| R137    | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 25.1/133.4   |
| R138    | 7030003480 | S.RES ERJ3GEYJ 222 V (2.2K)ATEX      | T  | 64.1/126.2   |
| R139    | 7030003480 | S.RES ERJ3GEYJ 222 V (2.2K)ATEX      | T  | 39.9/126.2   |
| R140    | 7030013980 | S.RES LTR50UZP2J70                   | T  | 56.2/124.9   |
| R141    | 7030013970 | S.RES LTR50UZP2J20                   | T  | 56.2/119.3   |
| R142    | 7030013940 | S.RES ERJB1BJR68U (0.68)             | T  | 72.5/128.6   |
| R143    | 7030013940 | S.RES ERJB1BJR68U (0.68)             | T  | 31.5/128.6   |
| R144    | 7030013970 | S.RES LTR50UZP2J20                   | T  | 47.8/119.3   |
| R145    | 7030013980 | S.RES LTR50UZP2J70                   | T  | 47.8/124.9   |
| R146    | 7030014120 | S.RES LTR50UZPJ6R8                   | T  | 52.0/124.9   |
| R147    | 7030013960 | S.RES LTR50UZPJ100                   | T  | 71.6/85.5    |
| R148    | 7030013960 | S.RES LTR50UZPJ100                   | T  | 71.6/80.0    |
| R211    | 7030012720 | S.RES PMR50HZPFV1L00 (0.001)         | T  | 99.0/94.2    |
| R212    | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 100.4/90.9   |
| R213    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)             | T  | 96.9/89.9    |
| R221    | 7030005090 | S.RES ERJ2GEJ 104 X (100K)           | T  | 112.5/85.2   |
| R222    | 7030005080 | S.RES ERJ2GEJ 823 X (82K)            | T  | 112.5/83.5   |
| R223    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)            | T  | 112.5/80.3   |
| R224    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)             | T  | 112.5/79.0   |
| R225    | 7030010570 | S.RES ERJ1TYJ 4R7U (4.7)             | T  | 99.0/81.0    |
| R301    | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 12.9/91.8    |
| R302    | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 6.5/92.3     |
| R303    | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 6.5/93.3     |
| R304    | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 12.9/95.8    |
| R305    | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 6.5/97.3     |
| R306    | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 12.9/97.8    |
| R307    | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 6.5/98.3     |
| R308    | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 12.9/98.8    |
| R351    | 7510001470 | S.THE NTCG20 4AG 473JT               | T  | 20.0/105.5   |
| R352    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)             | T  | 18.2/106.5   |
| R811    | 7030005120 | S.RES ERJ2GEJ 102 X (1K)             | T  | 40.9/3.4     |
| R812    | 7030007570 | S.RES ERJ2GEJ 122 X (1.2K)           | T  | 42.3/5.2     |
| R813    | 7030009280 | S.RES ERJ2GEJ 391 X                  | T  | 41.1/5.6     |
| R814    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K)           | T  | 52.9/4.7     |
| R815    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7K)           | T  | 52.9/3.1     |
| R816    | 7030005030 | S.RES ERJ2GEJ 152 X (1.5K)           | T  | 51.7/2.9     |
| R817    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)            | T  | 49.6/2.9     |
| R961    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)            | T  | 82.3/8.4     |
| R962    | 7030007180 | S.RES ERJ12YJ150U (15)               | T  | 80.5/3.8     |
| R963    | 7030007180 | S.RES ERJ12YJ150U (15)               | T  | 100.8/3.8    |
| R964    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)            | T  | 98.7/8.4     |
| R981    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)            | T  | 7.5/75.1     |
| R982    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)            | T  | 9.4/75.7     |
| R983    | 7030005720 | S.RES ERJ2GEJ 563 X (56K)            | T  | 10.4/76.8    |
| R984    | 7030005060 | S.RES ERJ2GEJ 333 X (33K)            | T  | 10.8/75.3    |
| R985    | 7030007280 | S.RES ERJ2GEJ 331 X (330)            | T  | 12.6/75.3    |
| R986    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)            | T  | 13.0/76.8    |
| R987    | 7030010040 | S.RES ERJ2GEJ-JPW                    | T  | 7.4/69.4     |
| R988    | 7030005240 | S.RES ERJ2GEJ 473 X (47K)            | T  | 8.4/68.4     |
| R989    | 7030005720 | S.RES ERJ2GEJ 563 X (56K)            | T  | 9.4/67.5     |
| R990    | 7030005060 | S.RES ERJ2GEJ 333 X (33K)            | T  | 9.9/68.8     |
| R991    | 7030007280 | S.RES ERJ2GEJ 331 X (330)            | T  | 11.7/68.8    |
| R992    | 7030005050 | S.RES ERJ2GEJ 103 X (10K)            | T  | 12.1/67.4    |
| C102    | 4030019990 | S.CER C1005 JB 1C 104K-T             | T  | 15.9/161.4   |
| C103    | 4030019990 | S.CER C1005 JB 1C 104K-T             | T  | 16.1/165.5   |
| C104    | 4030016790 | S.CER C1005 JB 1E 103K-T             | T  | 18.3/162.3   |
| C105    | 4030019990 | S.CER C1005 JB 1C 104K-T             | T  | 19.5/161.3   |
| C106    | 4510010570 | S.ELE 16 CE 470 LX                   | T  | 20.5/155.5   |
| C107    | 4030019990 | S.CER C1005 JB 1C 104K-T             | T  | 17.0/150.6   |
| C111    | 4030019990 | S.CER C1005 JB 1C 104K-T             | T  | 26.3/164.4   |
| C112    | 4030019990 | S.CER C1005 JB 1C 104K-T             | T  | 25.9/167.8   |
| C113    | 4030016790 | S.CER C1005 JB 1E 103K-T             | T  | 26.8/163.0   |
| C114    | 4030019990 | S.CER C1005 JB 1C 104K-T             | T  | 25.4/157.2   |
| C115    | 4030019990 | S.CER C1005 JB 1C 104K-T             | T  | 25.4/153.7   |
| C116    | 4510009920 | S.ELE 16 CE 100 LH                   | T  | 30.0/149.4   |
| C121    | 4030019990 | S.CER C1005 JB 1C 104K-T             | T  | 36.9/162.9   |
| C122    | 4030019990 | S.CER C1005 JB 1C 104K-T             | T  | 35.1/164.3   |
| C123    | 4030017460 | S.CER C1005 JB 1H 102K-T             | T  | 36.0/164.3   |
| C124    | 4030017460 | S.CER C1005 JB 1H 102K-T             | T  | 38.0/166.5   |
| C125    | 4030018640 | S.CER C2012 CH 1H 103J-T             | T  | 35.6/157.7   |
| C131    | 4030018340 | S.CER GRM31A5C2J331JW01D             | T  | 52.0/152.1   |
| C132    | 4030006900 | S.CER C1608 JB 1H 103K-T ATEX        | T  | 64.8/154.9   |
| C133    | 4030017320 | S.CER GRM21BB11H104KA01L (GRM40-034) | T  | 63.0/154.9   |
| C134    | 4510010570 | S.ELE 16 CE 470 LX                   | T  | 70.1/157.1   |
| C135    | 4030019990 | S.CER C1005 JB 1C 104K-T             | T  | 74.5/148.8   |
| C141    | 4030018750 | S.CER C3225 CH 2J 682K-T             | T  | 68.2/131.0   |
| C142    | 4030018750 | S.CER C3225 CH 2J 682K-T             | T  | 35.8/131.0   |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

## [PA UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                        | M. | H/V LOCATION |
|---------|------------|------------------------------------|----|--------------|
| C143    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 78.4/132.0   |
| C144    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 79.4/132.0   |
| C145    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 25.6/132.0   |
| C146    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 24.6/132.0   |
| C147    | 4030018750 | S.CER C3225 CH 2J 682K-T           | T  | 61.0/126.5   |
| C148    | 4030018750 | S.CER C3225 CH 2J 682K-T           | T  | 43.0/126.5   |
| C151    | 4030021020 | S.CER GRM31A5C2J101JW01D           | T  | 76.3/98.8    |
| C154    | 4030021020 | S.CER GRM31A5C2J101JW01D           | T  | 27.7/98.8    |
| C156    | 4320001070 | S.MIC UC342H 3300J-T               | T  | 52.0/98.8    |
| C157    | 4320001050 | S.MIC UC342H 3900J-T               | T  | 52.0/95.1    |
| C158    | 4030011070 | S.CER GRM31M2C2H5R0CY21L (GRM42-6) | T  | 89.0/82.0    |
| C160    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 79.1/79.0    |
| C161    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 78.0/79.0    |
| C162    | 4510010570 | S.ELE 16 CE 470 LX                 | T  | 78.7/84.4    |
| C171    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 65.3/125.7   |
| C172    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 38.7/125.7   |
| C201    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 86.4/135.0   |
| C202    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 86.4/134.0   |
| C203    | 4510010570 | S.ELE 16 CE 470 LX                 | T  | 99.0/120.7   |
| C204    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 99.0/98.2    |
| C205    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 99.0/97.2    |
| C206    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 99.0/96.2    |
| C207    | 4510010570 | S.ELE 16 CE 470 LX                 | T  | 99.0/111.9   |
| C208    | 4510010570 | S.ELE 16 CE 470 LX                 | T  | 99.0/103.1   |
| C212    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 100.4/88.6   |
| C213    | 4030017430 | S.CER C1005 CH 1H 101J-T           | T  | 97.5/87.8    |
| C214    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 97.5/86.9    |
| C221    | 4030019550 | S.CER C1608 JB 1E 334K-T           | T  | 100.2/77.4   |
| C223    | 4550007350 | S.TAN F931C226MCMCMBMA             | T  | 95.5/70.0    |
| C301    | 4030017430 | S.CER C1005 CH 1H 101J-T           | T  | 14.2/83.8    |
| C302    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 3.9/81.3     |
| C303    | 4030017430 | S.CER C1005 CH 1H 101J-T           | T  | 12.6/84.8    |
| C304    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 3.9/85.3     |
| C305    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 4.1/91.3     |
| C306    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 15.4/91.5    |
| C307    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 4.1/92.3     |
| C308    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 15.4/92.5    |
| C309    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 4.1/93.3     |
| C310    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 15.4/93.5    |
| C311    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 4.1/94.3     |
| C312    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 15.4/94.5    |
| C313    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 4.1/95.3     |
| C314    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 15.4/95.5    |
| C315    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 4.1/96.3     |
| C316    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 15.4/97.0    |
| C317    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 4.1/97.3     |
| C318    | 4030017420 | S.CER C1005 CH 1H 470J-T           | T  | 15.4/97.9    |
| C319    | 4030017420 | S.CER C1005 CH 1H 470J-T           | T  | 4.1/98.3     |
| C320    | 4030017420 | S.CER C1005 CH 1H 470J-T           | T  | 15.4/98.8    |
| C331    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 15.2/141.2   |
| C332    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 15.2/143.4   |
| C333    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 12.9/147.5   |
| C351    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 18.2/105.5   |
| C647    | 4030021020 | S.CER GRM31A5C2J101JW01D           | T  | 27.5/30.7    |
| C711    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 104.9/66.4   |
| C750    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 20.5/77.5    |
| C771    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 26.2/73.7    |
| C772    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 26.2/75.8    |
| C773    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 26.2/77.9    |
| C774    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 26.2/79.9    |
| C775    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 26.2/82.1    |
| C776    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 26.2/84.2    |
| C777    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 26.2/86.3    |
| C779    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 26.2/88.4    |
| C781    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 32.4/73.2    |
| C782    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 32.4/75.3    |
| C783    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 32.4/77.4    |
| C784    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 32.4/79.5    |
| C785    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 32.4/81.6    |
| C786    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 32.4/83.7    |
| C787    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 32.4/85.8    |
| C801    | 4030018790 | S.CER C3225 JB 2E 104K-T           | T  | 67.7/16.7    |
| C802    | 4030017660 | S.CER C1005 CH 1H 330J-T           | T  | 65.0/1.7     |
| C804    | 4030017510 | S.CER C1005 CH 1H 680J-T           | T  | 66.9/1.7     |
| C806    | 4030017660 | S.CER C1005 CH 1H 330J-T           | T  | 67.8/1.7     |
| C807    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 75.9/2.1     |
| C808    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 76.9/2.1     |
| C811    | 4030016790 | S.CER C1005 JB 1E 103K-T           | T  | 53.3/5.9     |
| C812    | 4030019120 | S.CER GRM188B31E105KA75D           | T  | 40.6/4.5     |
| C821    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 41.3/56.5    |
| C824    | 4030021010 | S.CER GRM31A5C2J390JW01D           | T  | 37.3/47.8    |
| C825    | 4030020750 | S.CER GRM31A5C2J220JW01D           | T  | 33.3/35.2    |
| C826    | 4030021000 | S.CER GRM31A5C2J100JW01D           | T  | 35.4/35.2    |
| C827    | 4030020810 | S.CER GRM31A5C2J820JW01D           | T  | 29.5/34.9    |
| C828    | 4030020790 | S.CER GRM31A5C2J560JW01D           | T  | 28.6/32.8    |
| C831    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 50.8/11.9    |
| C833    | 4030021200 | S.CER GRM31A5C2J120JW01D           | T  | 30.2/25.0    |
| C835    | 4030020800 | S.CER GRM31A5C2J680JW01D           | T  | 29.1/21.4    |
| C841    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 99.1/63.0    |
| C842    | 4030018480 | S.CER GRM31A5C2J221JW01D           | T  | 96.4/54.0    |
| C843    | 4030021040 | S.CER GRM31A5C2J271JW01D           | T  | 82.1/43.1    |
| C844    | 4030018350 | S.CER GRM31A5C2J151JW01D           | T  | 96.4/50.2    |
| C846    | 4030018340 | S.CER GRM31A5C2J331JW01D           | T  | 96.4/48.1    |
| C849    | 4030018480 | S.CER GRM31A5C2J221JW01D           | T  | 96.4/39.6    |
| C850    | 4030018350 | S.CER GRM31A5C2J151JW01D           | T  | 96.4/41.8    |
| C851    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 95.6/18.6    |
| C855    | 4030020820 | S.CER GRM31A5C2J121JW01D           | T  | 96.4/52.3    |
| C856    | 4030018350 | S.CER GRM31A5C2J151JW01D           | T  | 96.4/46.0    |
| C857    | 4030020810 | S.CER GRM31A5C2J820JW01D           | T  | 82.1/45.2    |
| C858    | 4030020800 | S.CER GRM31A5C2J680JW01D           | T  | 89.4/45.2    |
| C861    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 86.9/63.0    |
| C862    | 4030020740 | S.CER GRM31A5C2J180JW01D           | T  | 60.5/58.8    |
| C863    | 4030021200 | S.CER GRM31A5C2J120JW01D           | T  | 62.6/58.8    |
| C864    | 4030021010 | S.CER GRM31A5C2J390JW01D           | T  | 61.1/54.7    |

## [PA UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                        | M. | H/V LOCATION |
|---------|------------|------------------------------------|----|--------------|
| C865    | 4030011080 | S.CER GRM31M2C2H6R0DV01L (GRM42-6) | T  | 63.8/34.2    |
| C866    | 4030020760 | S.CER GRM31A5C2J270JW01D           | T  | 63.8/25.3    |
| C868    | 4030020770 | S.CER GRM31A5C2J330JW01D           | T  | 63.8/29.5    |
| C869    | 4030020770 | S.CER GRM31A5C2J330JW01D           | T  | 63.0/18.5    |
| C871    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 80.9/17.4    |
| C875    | 4030021200 | S.CER GRM31A5C2J120JW01D           | T  | 64.8/21.9    |
| C876    | 4030020760 | S.CER GRM31A5C2J270JW01D           | T  | 63.8/27.4    |
| C877    | 4030020770 | S.CER GRM31A5C2J330JW01D           | T  | 61.1/52.6    |
| C881    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 53.2/56.5    |
| C882    | 4030021220 | S.CER GRM31B5C2J681JW01L           | T  | 57.8/43.2    |
| C883    | 4030021220 | S.CER GRM31B5C2J681JW01L           | T  | 56.3/46.9    |
| C884    | 4030020720 | S.CER GRM31A5C2J391JW01D           | T  | 56.3/39.6    |
| C885    | 4030021220 | S.CER GRM31B5C2J681JW01L           | T  | 57.9/33.6    |
| C886    | 4030018480 | S.CER GRM31A5C2J221JW01D           | T  | 51.6/31.5    |
| C888    | 4030021220 | S.CER GRM31B5C2J681JW01L           | T  | 51.4/23.8    |
| C889    | 4030020810 | S.CER GRM31A5C2J820JW01D           | T  | 52.7/19.7    |
| C890    | 4030021220 | S.CER GRM31B5C2J681JW01L           | T  | 57.0/18.0    |
| C891    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 65.5/11.3    |
| C893    | 4030021220 | S.CER GRM31B5C2J681JW01L           | T  | 51.0/27.4    |
| C894    | 4030018350 | S.CER GRM31A5C2J151JW01D           | T  | 57.9/35.7    |
| C896    | 4030021220 | S.CER GRM31B5C2J681JW01L           | T  | 57.0/22.2    |
| C897    | 4030018480 | S.CER GRM31A5C2J221JW01D           | T  | 57.0/20.1    |
| C899    | 4030020800 | S.CER GRM31A5C2J680JW01D           | T  | 49.9/19.7    |
| C901    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 14.8/57.1    |
| C902    | 4030021020 | S.CER GRM31A5C2J101JW01D           | T  | 5.8/38.2     |
| C903    | 4030021020 | S.CER GRM31A5C2J101JW01D           | T  | 5.8/40.3     |
| C904    | 4030020760 | S.CER GRM31A5C2J270JW01D           | T  | 11.0/40.3    |
| C905    | 4030020810 | S.CER GRM31A5C2J820JW01D           | T  | 11.0/38.2    |
| C906    | 4030021020 | S.CER GRM31A5C2J101JW01D           | T  | 5.8/27.1     |
| C907    | 4030021020 | S.CER GRM31A5C2J101JW01D           | T  | 5.8/25.0     |
| C908    | 4030020790 | S.CER GRM31A5C2J560JW01D           | T  | 11.0/26.1    |
| C909    | 4030020800 | S.CER GRM31A5C2J680JW01D           | T  | 6.5/14.0     |
| C911    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 21.3/11.9    |
| C921    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 110.9/63.0   |
| C922    | 4030021040 | S.CER GRM31A5C2J271JW01D           | T  | 102.7/53.2   |
| C923    | 4030021040 | S.CER GRM31A5C2J271JW01D           | T  | 100.6/47.5   |
| C924    | 4030021040 | S.CER GRM31A5C2J271JW01D           | T  | 101.5/39.6   |
| C925    | 4030020810 | S.CER GRM31A5C2J820JW01D           | T  | 103.0/36.0   |
| C926    | 4030018340 | S.CER GRM31A5C2J331JW01D           | T  | 101.5/43.9   |
| C927    | 4030021040 | S.CER GRM31A5C2J271JW01D           | T  | 101.5/26.6   |
| C928    | 4030018340 | S.CER GRM31A5C2J331JW01D           | T  | 101.5/24.5   |
| C929    | 4030018340 | S.CER GRM31A5C2J331JW01D           | T  | 101.5/41.8   |
| C931    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 110.3/18.6   |
| C933    | 4030021030 | S.CER GRM31A5C2J181JW01D           | T  | 100.6/53.2   |
| C934    | 4030018350 | S.CER GRM31A5C2J151JW01D           | T  | 102.7/47.5   |
| C941    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 28.7/56.5    |
| C944    | 4030021010 | S.CER GRM31A5C2J390JW01D           | T  | 27.9/48.1    |
| C945    | 4030020790 | S.CER GRM31A5C2J560JW01D           | T  | 26.4/44.6    |
| C946    | 4030020780 | S.CER GRM31A5C2J470JW01D           | T  | 26.4/39.0    |
| C949    | 4030021020 | S.CER GRM31A5C2J101JW01D           | T  | 27.5/28.6    |
| C950    | 4030020760 | S.CER GRM31A5C2J270JW01D           | T  | 26.2/25.0    |
| C951    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 36.0/11.9    |
| C953    | 4030020780 | S.CER GRM31A5C2J470JW01D           | T  | 27.7/17.2    |
| C954    | 4030020790 | S.CER GRM31A5C2J560JW01D           | T  | 27.7/19.3    |
| C961    | 4030011040 | S.CER GRM31M4C2H2R0CY21L (GRM42-6) | T  | 83.9/9.5     |
| C962    | 4030009920 | S.CER C1608 CH 1H 050B-T           | T  | 84.3/5.5     |
| C963    | 4030011540 | S.CER C1608 CH 1H 750J-T           | T  | 83.0/5.5     |
| C966    | 4030008650 | S.CER C1608 JB 1H 332K-T           | T  | 96.7/2.2     |
| C969    | 4030011040 | S.CER GRM31M4C2H2R0CY21L (GRM42-6) | T  | 97.1/9.5     |
| C970    | 4030011540 | S.CER C1608 CH 1H 750J-T           | T  | 96.7/5.5     |
| C971    | 4030009920 | S.CER C1608 CH 1H 050B-T           | T  | 98.1/5.5     |
| C972    | 4030011040 | S.CER GRM31M4C2H2R0CY21L (GRM42-6) | T  | 99.4/12.4    |
| C983    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 7.4/67.5     |
| C985    | 4030019990 | S.CER C1005 JB 1C 104K-T           | T  | 12.3/70.5    |
| C986    | 4030017460 | S.CER C1005 JB 1H 102K-T           | T  | 3.8/10.1     |
| C987    | 4030017730 | S.CER C1005 JB 1H 471K-T           | T  | 2.8/11.2     |
| RL801   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL820   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL821   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL840   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL841   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL860   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL861   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL880   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL881   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL900   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL901   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL920   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL921   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL940   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| RL941   | 6330002020 | REL FTR-B4CA009Z                   |    |              |
| J101    | 6510028210 | CON SJ050010 (TMP-J01X-V6)         |    |              |
| J301    | 6510022472 | S.CON 40FLT-SM2-TB(LF)(SN)(M)      | T  | 9.5/89.0     |
| J331    | 6510018971 | S.CON B4B-PH-SM4-TB(LF)(SN)        | T  | 5.0/144.4    |
| J801    | 6510028210 | CON SJ050010 (TMP-J01X-V6)         |    |              |
| J961    | 6510028210 | CON SJ050010 (TMP-J01X-V6)         |    |              |
| F2      | 5210000940 | FUS 1205                           |    |              |
| F201    | 5220000400 | HOL FHA010-01F                     |    |              |
| EP111   | 6910014690 | S.BEA MPZ1608S221A-T               | T  | 26.6/154.9   |
| EP121   | 6910012350 | S.BEA MMZ1608Y 102BT               | T  | 34.1/166.3   |
| EP131   | 6910014640 | S.BEA MPZ2012S221A-T               | T  | 71.8/149.1   |
| EP132   | 6910014640 | S.BEA MPZ2012S221A-T               | T  | 71.8/150.9   |
| EP301   | 6910020910 | S.BEA MPZ1608S300AT                | T  | 6.1/81.3     |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

## [PA UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION         | M. | H/V LOCATION |
|---------|------------|---------------------|----|--------------|
| EP302   | 6910019100 | S.BEA MPZ1608S101AT | T  | 6.1/85.3     |
| EP303   | 6910021240 | S.BEA MMZ1005A152ET | T  | 6.5/91.3     |
| EP305   | 6910021240 | S.BEA MMZ1005A152ET | T  | 12.9/92.8    |
| EP306   | 6910021240 | S.BEA MMZ1005A152ET | T  | 12.9/93.8    |
| EP307   | 6910021240 | S.BEA MMZ1005A152ET | T  | 6.5/94.3     |
| EP308   | 6910021240 | S.BEA MMZ1005A152ET | T  | 12.9/94.8    |
| EP309   | 6910021240 | S.BEA MMZ1005A152ET | T  | 6.5/95.3     |
| EP311   | 6910021240 | S.BEA MMZ1005A152ET | T  | 6.5/96.3     |
| EP312   | 6910021240 | S.BEA MMZ1005A152ET | T  | 12.9/96.8    |
| EP331   | 6910018930 | S.BEA MPZ2012S601A  | T  | 11.9/145.8   |
| EP332   | 6910018930 | S.BEA MPZ2012S601A  | T  | 10.9/148.6   |

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount



# [TUNER UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                    | M. | H/V LOCATION |
|---------|------------|--------------------------------|----|--------------|
| IC1701  | 1110008620 | S.IC BA2903SFVM-TR             | T  | 14.1/48.9    |
| IC1901  | 1110008550 | S.IC NJM2904CRB1-TE1-#HMZR     | T  | 34.8/12.5    |
| IC2811  | 1130009670 | S.IC BU2092FV-E2               | T  | 22.5/22.6    |
| IC2821  | 1130009670 | S.IC BU2092FV-E2               | T  | 13.5/22.6    |
| IC2831  | 1130009670 | S.IC BU2092FV-E2               | T  | 31.5/22.6    |
| IC2841  | 1130009670 | S.IC BU2092FV-E2               | T  | 40.5/22.6    |
| Q1611   | 1530002691 | S.TRA 2SC4116-GR(TE85RF)       | T  | 48.9/28.3    |
| Q1621   | 1530002691 | S.TRA 2SC4116-GR(TE85RF)       | T  | 48.9/25.8    |
| D1011   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 26.7/84.2    |
| D1021   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 57.6/45.5    |
| D1201   | 1750002940 | S.DIO MMBD452LT1G              | T  | 12.4/74.5    |
| D1261   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 15.6/43.3    |
| D1271   | 1750002940 | S.DIO MMBD452LT1G              | T  | 48.2/16.6    |
| D1311   | 1750002950 | S.DIO MMBD352LT1G              | T  | 26.4/48.3    |
| D1312   | 1750002950 | S.DIO MMBD352LT1G              | T  | 22.3/48.3    |
| D1341   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 13.8/53.8    |
| D1505   | 1750002230 | S.DIO LRB751S-40T1G <SLVJ>     | T  | 51.9/15.5    |
| D1506   | 1750002230 | S.DIO LRB751S-40T1G <SLVJ>     | T  | 53.2/15.5    |
| D2311   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 76.5/84.9    |
| D2321   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 85.6/84.9    |
| D2331   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 94.6/84.9    |
| D2341   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 103.7/84.9   |
| D2351   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 112.8/86.9   |
| D2361   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 121.9/86.9   |
| D2371   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 131.0/86.9   |
| D2381   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 140.0/88.9   |
| D2391   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 149.1/88.9   |
| D2411   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 63.1/9.8     |
| D2421   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 72.3/9.8     |
| D2431   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 81.3/9.8     |
| D2441   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 90.4/9.8     |
| D2451   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 99.5/9.8     |
| D2461   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 108.6/9.8    |
| D2471   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 117.6/9.8    |
| D2481   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 126.7/9.8    |
| D2491   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 135.8/9.8    |
| D2511   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 67.4/84.2    |
| D2521   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 158.2/88.2   |
| D2551   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 56.2/26.7    |
| D2561   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 144.8/9.8    |
| D2581   | 1750001850 | S.DIO LDAN222T1G <SLVJ>        | T  | 154.0/5.8    |
| L1009   | 6200010160 | S.COI AS080440-22N             | T  | 60.1/66.8    |
| L1311   | 6140002810 | S.COI LR-317                   | T  | 24.7/54.0    |
| L1312   | 6140002810 | S.COI LR-317                   | T  | 24.9/42.6    |
| L1501   | 6140005560 | COI LR-604                     |    |              |
| L2011   | 6110003620 | COI LA-559                     |    |              |
| L2021   | 6110002750 | COI LA-459                     |    |              |
| L2031   | 6110002760 | COI LA-460                     |    |              |
| L2041   | 6110002770 | COI LA-461                     |    |              |
| L2051   | 6110002780 | COI LA-462                     |    |              |
| L2061   | 6110002790 | COI LA-463                     |    |              |
| L2071   | 6110002800 | COI LA-464                     |    |              |
| L2081   | 6140004900 | COI LR-542 T68-2               |    |              |
| L2091   | 6140004870 | COI LR-539 T68-2               |    |              |
| L2099   | 6200010170 | S.COI AS080447-33N             | T  | 147.4/67.9   |
| R1011   | 7030004980 | S.RES ERJ2GEJ 101 X (100)      | T  | 24.0/82.8    |
| R1021   | 7030004980 | S.RES ERJ2GEJ 101 X (100)      | T  | 59.8/46.1    |
| R1031   | 7540000330 | S.ABS CSA70-401L-T             | T  | 57.8/71.7    |
| R1032   | 7030013250 | S.RES ERJ8GEYJ 104V (100K)ATEX | T  | 58.2/75.0    |
| R1202   | 7030007290 | S.RES ERJ2GEJ 222 X (2.2K)     | T  | 11.4/76.4    |
| R1203   | 7030005090 | S.RES ERJ2GEJ 104 X (100K)     | T  | 13.0/77.3    |
| R1251   | 7030007300 | S.RES ERJ2GEJ 332 X (3.3K)     | T  | 12.3/41.4    |
| R1252   | 7030005290 | S.RES ERJ2GEJ 682 X (6.8K)     | T  | 11.8/40.0    |
| R1261   | 7030005240 | S.RES ERJ2GEJ 473 X (47K)      | T  | 12.6/43.6    |
| R1263   | 7030005110 | S.RES ERJ2GEJ 224 X (220K)     | T  | 14.0/45.3    |
| R1264   | 7030005110 | S.RES ERJ2GEJ 224 X (220K)     | T  | 13.1/45.3    |
| R1272   | 7030007290 | S.RES ERJ2GEJ 222 X (2.2K)     | T  | 49.2/14.1    |
| R1301   | 7030005530 | S.RES ERJ2GEJ 100 X (10)       | T  | 23.1/61.2    |
| R1341   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)      | T  | 24.7/58.7    |
| R1342   | 7030007290 | S.RES ERJ2GEJ 222 X (2.2K)     | T  | 25.9/59.2    |
| R1351   | 7030004970 | S.RES ERJ2GEJ 470 X (47)       | T  | 24.9/35.0    |
| R1361   | 7030005120 | S.RES ERJ2GEJ 102 X (1K)       | T  | 13.3/52.2    |
| R1362   | 7030005100 | S.RES ERJ2GEJ 154 X (150K)     | T  | 13.8/56.1    |
| R1364   | 7030005050 | S.RES ERJ2GEJ 103 X (10K)      | T  | 14.9/52.2    |
| R1365   | 7030007290 | S.RES ERJ2GEJ 222 X (2.2K)     | T  | 16.5/52.2    |
| R1401   | 7030014150 | S.RES LTR50UZPJ151             | T  | 37.7/75.2    |
| R1402   | 7030014150 | S.RES LTR50UZPJ151             | T  | 37.7/79.2    |
| R1411   | 7030014150 | S.RES LTR50UZPJ151             | T  | 43.3/75.2    |
| R1412   | 7030014150 | S.RES LTR50UZPJ151             | T  | 43.3/79.2    |
| R1421   | 7030014150 | S.RES LTR50UZPJ151             | T  | 48.9/75.2    |
| R1422   | 7030014150 | S.RES LTR50UZPJ151             | T  | 48.9/79.2    |
| R1431   | 7030014140 | S.RES LTR50UZPJ121             | T  | 39.3/70.2    |
| R1432   | 7030014130 | S.RES LTR50UZPJ101             | T  | 43.3/70.2    |
| R1441   | 7030014140 | S.RES LTR50UZPJ121             | T  | 39.3/64.6    |
| R1442   | 7030014130 | S.RES LTR50UZPJ101             | T  | 43.3/64.6    |
| R1451   | 7030014140 | S.RES LTR50UZPJ121             | T  | 39.3/59.0    |
| R1452   | 7030014130 | S.RES LTR50UZPJ101             | T  | 43.3/59.0    |
| R1461   | 7030014170 | S.RES LTR50UZPJ331             | T  | 48.9/70.2    |
| R1471   | 7030014170 | S.RES LTR50UZPJ331             | T  | 48.9/64.6    |
| R1481   | 7030014160 | S.RES LTR50UZPJ271             | T  | 48.9/59.0    |
| R1501   | 7030006220 | S.RES ERJ12YJ470U (47)         | T  | 40.3/54.3    |
| R1502   | 7030007520 | S.RES ERJ8ENF 1000V (100)      | T  | 46.1/35.2    |
| R1503   | 7030006220 | S.RES ERJ12YJ470U (47)         | T  | 46.5/54.3    |
| R1504   | 7030006220 | S.RES ERJ12YJ470U (47)         | T  | 50.2/35.2    |
| R1505   | 7030007520 | S.RES ERJ8ENF 1000V (100)      | T  | 44.0/35.2    |
| R1506   | 7030005240 | S.RES ERJ2GEJ 473 X (47K)      | T  | 52.1/12.3    |
| R1507   | 7030008300 | S.RES ERJ2GEJ 184 X (180K)     | T  | 51.2/12.3    |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

# [TUNER UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION |                              | M. | H/V LOCATION |
|---------|------------|-------------|------------------------------|----|--------------|
| R1611   | 7030004990 | S.RES       | ERJ2GEJ 221 X (220)          | T  | 50.3/23.6    |
| R1612   | 7030005050 | S.RES       | ERJ2GEJ 103 X (10K)          | T  | 48.2/24.1    |
| R1613   | 7030005050 | S.RES       | ERJ2GEJ 103 X (10K)          | T  | 46.6/24.1    |
| R1614   | 7030005050 | S.RES       | ERJ2GEJ 103 X (10K)          | T  | 46.7/29.0    |
| R1615   | 7030005120 | S.RES       | ERJ2GEJ 102 X (1K)           | T  | 46.7/27.7    |
| R1625   | 7030005120 | S.RES       | ERJ2GEJ 102 X (1K)           | T  | 46.7/25.2    |
| R1701   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 16.7/46.3    |
| R1805   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 25.0/10.6    |
| R1806   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 24.5/3.8     |
| R1807   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 24.0/10.6    |
| R1808   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 23.5/3.8     |
| R1809   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 23.0/10.6    |
| R1810   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 22.0/10.6    |
| R1811   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 21.5/3.8     |
| R1812   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 21.0/10.6    |
| R1813   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 20.5/3.8     |
| R1814   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 20.0/10.6    |
| R1815   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 19.5/3.8     |
| R1816   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 19.0/10.6    |
| R1901   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 38.0/14.7    |
| R1902   | 7030007280 | S.RES       | ERJ2GEJ 331 X (330)          | T  | 38.6/12.8    |
| R1903   | 7030007280 | S.RES       | ERJ2GEJ 331 X (330)          | T  | 31.0/13.5    |
| R2311   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 73.8/82.8    |
| R2321   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 82.9/82.8    |
| R2331   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 92.0/82.8    |
| R2341   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 101.1/82.8   |
| R2351   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 110.2/84.8   |
| R2361   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 119.2/84.8   |
| R2371   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 128.3/84.8   |
| R2381   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 137.4/86.8   |
| R2391   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 146.5/86.8   |
| R2411   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 64.9/10.8    |
| R2421   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 74.0/10.8    |
| R2431   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 83.1/10.8    |
| R2441   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 92.2/10.8    |
| R2451   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 101.3/10.8   |
| R2461   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 110.4/10.8   |
| R2471   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 119.4/10.8   |
| R2481   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 128.5/10.8   |
| R2491   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 137.6/10.8   |
| R2511   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 64.7/82.8    |
| R2521   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 155.6/86.8   |
| R2551   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 56.5/24.1    |
| R2561   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 146.7/10.8   |
| R2581   | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)          | T  | 156.2/6.8    |
| R2811   | 7410001170 | S.ARR       | EXB28V470JX                  | T  | 20.7/28.3    |
| R2812   | 7410001170 | S.ARR       | EXB28V470JX                  | T  | 23.3/28.3    |
| R2813   | 7410001170 | S.ARR       | EXB28V470JX                  | T  | 23.0/17.0    |
| R2814   | 7030005050 | S.RES       | ERJ2GEJ 103 X (10K)          | T  | 9.5/25.5     |
| R2821   | 7410001170 | S.ARR       | EXB28V470JX                  | T  | 11.3/28.4    |
| R2822   | 7410001170 | S.ARR       | EXB28V470JX                  | T  | 15.3/28.2    |
| R2823   | 7410001170 | S.ARR       | EXB28V470JX                  | T  | 14.0/17.0    |
| R2831   | 7410001170 | S.ARR       | EXB28V470JX                  | T  | 30.7/28.2    |
| R2832   | 7410001170 | S.ARR       | EXB28V470JX                  | T  | 33.3/28.2    |
| R2833   | 7410001170 | S.ARR       | EXB28V470JX                  | T  | 32.0/17.0    |
| R2841   | 7410001170 | S.ARR       | EXB28V470JX                  | T  | 39.7/28.2    |
| R2842   | 7410001170 | S.ARR       | EXB28V470JX                  | T  | 42.3/28.2    |
| R2843   | 7410001170 | S.ARR       | EXB28V470JX                  | T  | 41.0/17.0    |
| C1002   | 4030011020 | S.CER       | GRM31M4C2H1R0CY21L (GRM42-6) | T  | 55.7/67.1    |
| C1011   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 26.9/82.8    |
| C1012   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 22.3/66.8    |
| C1013   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 29.1/84.7    |
| C1014   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 29.1/83.7    |
| C1021   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 63.4/61.2    |
| C1022   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 63.0/45.2    |
| C1023   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 55.2/45.0    |
| C1024   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 55.2/46.0    |
| C1101   | 4030021000 | S.CER       | GRM31A5C2J100JW01D           | T  | 20.2/71.2    |
| C1102   | 4030017440 | S.CER       | C1005 CH 1H 221J-T           | T  | 17.0/71.2    |
| C1202   | 4030020950 | S.CER       | C1005 CH 1H 331JT            | T  | 13.0/76.4    |
| C1203   | 4030016790 | S.CER       | C1005 JB 1E 103K-T           | T  | 31.5/11.7    |
| C1251   | 4030016790 | S.CER       | C1005 JB 1E 103K-T           | T  | 12.7/40.0    |
| C1261   | 4030016790 | S.CER       | C1005 JB 1E 103K-T           | T  | 14.0/43.2    |
| C1262   | 4030016790 | S.CER       | C1005 JB 1E 103K-T           | T  | 12.6/42.6    |
| C1263   | 4030016790 | S.CER       | C1005 JB 1E 103K-T           | T  | 15.6/45.4    |
| C1271   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 47.8/18.5    |
| C1272   | 4030020950 | S.CER       | C1005 CH 1H 331JT            | T  | 47.5/14.6    |
| C1301   | 4030011070 | S.CER       | GRM31M2C2H5R0CY21L (GRM42-6) | T  | 20.2/69.1    |
| C1341   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 25.9/58.3    |
| C1351   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 24.9/36.6    |
| C1361   | 4030016790 | S.CER       | C1005 JB 1E 103K-T           | T  | 16.7/50.8    |
| C1365   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 16.5/53.1    |
| C1501   | 4030017640 | S.CER       | C1005 CH 1H 150J-T           | T  | 42.5/36.3    |
| C1504   | 4030017660 | S.CER       | C1005 CH 1H 330J-T           | T  | 52.6/36.6    |
| C1505   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 52.7/17.4    |
| C1506   | 4030020950 | S.CER       | C1005 CH 1H 331JT            | T  | 51.6/13.5    |
| C1507   | 4030016790 | S.CER       | C1005 JB 1E 103K-T           | T  | 38.0/11.3    |
| C1601   | 4030017620 | S.CER       | C1005 CH 1H 100C-T           | T  | 49.5/30.1    |
| C1602   | 4030018070 | S.CER       | C1005 CH 1H 300J-T           | T  | 47.6/30.1    |
| C1611   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 49.4/23.6    |
| C1701   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 16.3/47.5    |
| C1801   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 31.5/1.7     |
| C1802   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 29.5/1.7     |
| C1805   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 25.0/13.2    |
| C1806   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 24.5/1.7     |
| C1807   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 24.0/13.2    |
| C1808   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 23.5/1.7     |
| C1809   | 4030019990 | S.CER       | C1005 JB 1C 104K-T           | T  | 23.0/13.2    |
| C1810   | 4030017420 | S.CER       | C1005 CH 1H 470J-T           | T  | 22.0/13.2    |
| C1811   | 4030017420 | S.CER       | C1005 CH 1H 470J-T           | T  | 21.5/1.7     |
| C1812   | 4030017420 | S.CER       | C1005 CH 1H 470J-T           | T  | 21.0/13.2    |



[TUNER UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                       | M. | H/V LOCATION |
|---------|------------|-----------------------------------|----|--------------|
| C1813   | 4030017420 | S.CER C1005 CH 1H 470J-T          | T  | 20.5/1.7     |
| C1814   | 4030017420 | S.CER C1005 CH 1H 470J-T          | T  | 20.0/13.2    |
| C1815   | 4030017420 | S.CER C1005 CH 1H 470J-T          | T  | 19.5/1.7     |
| C1816   | 4030017460 | S.CER C1005 JB 1H 102K-T          | T  | 19.0/13.2    |
| C1901   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 36.3/14.7    |
| C2001   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 63.7/84.2    |
| C2006   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 58.9/9.9     |
| C2111   | 4030021850 | S.CER GRM31A7U3D180JW31D          | T  | 67.5/33.9    |
| C2112   | 4030021850 | S.CER GRM31A7U3D180JW31D          | T  | 65.3/30.8    |
| C2121   | 4030021860 | S.CER GRM31A7U3D390JW31D          | T  | 72.1/33.9    |
| C2122   | 4030021890 | S.CER GRM31A7U3D330JW31D          | T  | 70.0/30.8    |
| C2131   | 4010004800 | CER DEC1X3J820JC4B (DE1210SL820J) |    |              |
| C2132   | 4010004790 | CER DEC1X3J680JC4B (DE1210SL680J) |    |              |
| C2141   | 4030021870 | S.CER GRM32A7U3D151JW31D          | T  | 90.7/34.0    |
| C2142   | 4030021870 | S.CER GRM32A7U3D151JW31D          | T  | 87.6/30.8    |
| C2151   | 4030021870 | S.CER GRM32A7U3D151JW31D          | T  | 95.2/34.0    |
| C2161   | 4030021870 | S.CER GRM32A7U3D151JW31D          | T  | 104.4/34.0   |
| C2162   | 4030021870 | S.CER GRM32A7U3D151JW31D          | T  | 101.4/34.0   |
| C2171   | 4010008720 | CER DEA1X3D271JA2B                |    |              |
| C2172   | 4010008710 | CER DEA1X3D331JA3B                |    |              |
| C2183   | 4320001230 | S.MIC UC552H 1201J-T              | T  | 125.1/33.0   |
| C2191   | 4010009020 | CER DEHR33F122KA3B                |    |              |
| C2192   | 4010009020 | CER DEHR33F122KA3B                |    |              |
| C2281   | 4030021880 | S.CER GRM42A7U3F560JW31L          | T  | 154.3/28.0   |
| C2282   | 4030021880 | S.CER GRM42A7U3F560JW31L          | T  | 156.6/25.5   |
| C2311   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 76.7/82.8    |
| C2312   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 76.7/66.3    |
| C2313   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 78.9/85.4    |
| C2314   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 78.9/84.4    |
| C2321   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 85.8/82.8    |
| C2322   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 85.8/66.3    |
| C2323   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 88.0/85.4    |
| C2324   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 88.0/84.4    |
| C2331   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 94.8/82.8    |
| C2332   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 94.9/66.3    |
| C2333   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 97.1/85.4    |
| C2334   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 97.1/84.4    |
| C2341   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 103.9/82.8   |
| C2342   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 103.9/66.3   |
| C2343   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 106.2/85.4   |
| C2344   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 106.2/84.4   |
| C2351   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 113.0/84.8   |
| C2352   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 113.0/68.3   |
| C2353   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 115.3/87.4   |
| C2354   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 115.3/86.4   |
| C2361   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 122.1/84.8   |
| C2362   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 122.1/68.3   |
| C2363   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 124.3/87.4   |
| C2364   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 124.3/86.4   |
| C2371   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 131.2/84.8   |
| C2372   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 131.1/68.3   |
| C2373   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 133.5/87.4   |
| C2374   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 133.5/86.4   |
| C2381   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 140.2/86.8   |
| C2382   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 140.3/70.3   |
| C2383   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 142.5/89.4   |
| C2384   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 142.5/88.4   |
| C2391   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 149.1/86.8   |
| C2392   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 151.6/70.3   |
| C2393   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 151.5/89.4   |
| C2394   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 151.5/88.4   |
| C2411   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 63.1/11.3    |
| C2412   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 58.7/27.7    |
| C2413   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 60.7/9.3     |
| C2414   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 60.7/10.3    |
| C2421   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 72.1/11.3    |
| C2422   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 72.4/27.8    |
| C2423   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 69.8/9.3     |
| C2424   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 69.8/10.3    |
| C2431   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 81.1/11.3    |
| C2432   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 81.4/27.8    |
| C2433   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 78.8/9.3     |
| C2434   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 78.8/10.3    |
| C2441   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 90.2/11.3    |
| C2442   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 90.5/27.8    |
| C2443   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 87.9/9.3     |
| C2444   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 87.9/10.3    |
| C2451   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 99.3/11.3    |
| C2452   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 99.6/27.8    |
| C2453   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 97.0/9.3     |
| C2454   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 97.0/10.3    |
| C2461   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 108.4/11.3   |
| C2462   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 108.7/27.8   |
| C2463   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 106.1/9.3    |
| C2464   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 106.1/10.3   |
| C2471   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 117.4/11.3   |
| C2472   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 117.8/27.8   |
| C2473   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 115.2/9.3    |
| C2474   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 115.2/10.3   |
| C2481   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 126.5/11.3   |
| C2482   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 126.9/27.8   |
| C2483   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 124.2/9.3    |
| C2484   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 124.3/10.3   |
| C2491   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 135.6/11.3   |
| C2492   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 136.0/27.8   |
| C2493   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 133.4/9.3    |
| C2494   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 133.4/10.3   |
| C2511   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 67.4/82.8    |
| C2512   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 67.6/66.3    |
| C2513   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 69.8/84.7    |
| C2514   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 69.8/83.7    |
| C2521   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 158.2/86.8   |
| C2522   | 4030019990 | S.CER C1005 JB 1C 104K-T          | T  | 156.5/70.3   |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

[TUNER UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                   | M. | H/V LOCATION |
|---------|------------|-------------------------------|----|--------------|
| C2523   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 160.7/87.7   |
| C2524   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 160.7/88.7   |
| C2551   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 63.2/43.4    |
| C2552   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 56.6/28.4    |
| C2553   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 58.7/25.8    |
| C2554   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 57.8/25.8    |
| C2561   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 144.7/11.3   |
| C2562   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 145.0/27.8   |
| C2563   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 142.4/9.3    |
| C2564   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 142.4/10.3   |
| C2581   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 153.8/7.3    |
| C2582   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 154.1/23.8   |
| C2583   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 151.5/5.3    |
| C2584   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 151.5/6.3    |
| C2811   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 18.5/23.6    |
| C2821   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 9.5/22.9     |
| C2831   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 27.5/23.6    |
| C2841   | 4030019990 | S.CER C1005 JB 1C 104K-T      | T  | 36.5/23.6    |
| RL1011  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL1021  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2011  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2021  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2031  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2041  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2051  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2061  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2071  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2081  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2091  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2111  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2121  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2131  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2141  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2151  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2161  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2171  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2181  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2191  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2211  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2221  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2251  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2261  | 6330002060 | REL EC2-9TNU                  |    |              |
| RL2281  | 6330002060 | REL EC2-9TNU                  |    |              |
| J1001   | 6510028210 | CON SJ050010 (TMP-J01X-V6)    |    |              |
| J1801   | 6510021722 | S.CON 30FLT-SM2-TB(LF)(SN)(M) | T  | 24.2/7.4     |
| J2001   | 6510028210 | CON SJ050010 (TMP-J01X-V6)    |    |              |
| J2002   | 6510028210 | CON SJ050010 (TMP-J01X-V6)    |    |              |
| EP1801  | 6910019100 | S.BEA MPZ1608S101AT           | T  | 31.5/3.8     |
| EP1802  | 6910019900 | S.BEA MPZ1608S601AT           | T  | 29.3/3.8     |

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

## [FRONT UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                    | M. | H/V LOCATION |
|---------|------------|--------------------------------|----|--------------|
| DS1     | 5030004050 | LCD RFE430H-AZH-DNS-000 <TRIA> |    |              |
| EP1     | 0880001360 | UNI EX-2500 SENSOR             |    |              |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

## [DISPLAY UNIT]

| REF NO. | PARTS NO.   | DESCRIPTION                   | M. | H/V LOCATION |
|---------|-------------|-------------------------------|----|--------------|
| IC101   | 1190003620  | S.IC TPS61161ADRV             | B  | 60.8/51.7    |
| IC152   | 11300017190 | S.IC UC6528XBNQ4GRC <GOS>     | B  | 100.0/48.7   |
| IC501   | 1140017811  | S.IC R5F104LCAFB (SX-3765C-1) | B  | 120.0/58.7   |
| Q1      | 1590004690  | S.TRA LDT143ZET1G <SLVJ>      | B  | 6.5/68.0     |
| Q2      | 1590004690  | S.TRA LDT143ZET1G <SLVJ>      | B  | 165.4/30.0   |
| Q3      | 1590004690  | S.TRA LDT143ZET1G <SLVJ>      | B  | 165.4/27.9   |
| Q461    | 1510001200  | S.TRA L2SA1576ART1G <SLVJ>    | B  | 50.5/47.2    |
| Q462    | 1520001010  | S.TRA 2SB1132G-R-AB3-R <SLVJ> | B  | 45.4/51.4    |
| Q481    | 1590004690  | S.TRA LDT143ZET1G <SLVJ>      | B  | 20.8/65.5    |
| Q491    | 1530004140  | S.TRA L2SC4081RT1G <SLVJ>     | B  | 38.3/49.6    |
| Q492    | 1530004210  | S.TRA DSC7004SOL              | B  | 30.2/52.9    |
| Q493    | 1590004310  | S.TRA LDTA114EET1G <SLVJ>     | B  | 35.9/50.4    |
| D101    | 1750002240  | S.DIO DB2141300L              | B  | 68.2/50.1    |
| D401    | 1750001820  | S.DIO LRB706F-40T1G <SLVJ>    | B  | 23.1/51.3    |
| D471    | 1750002230  | S.DIO LRB751S-40T1G <SLVJ>    | B  | 33.5/50.3    |
| D472    | 1750001820  | S.DIO LRB706F-40T1G <SLVJ>    | B  | 35.9/46.7    |
| D491    | 1750001810  | S.DIO L1SS400T1G <SLVJ>       | B  | 35.1/53.7    |
| L101    | 6200014850  | S.COI LQH44PN220MP0L          | T  | 23.1/164.1   |
| L102    | 6200015990  | S.COI LQH32CN470K23L          | B  | 60.4/47.5    |
| R1      | 7030004980  | S.RES ERJ2GEJ 101 X (100)     | B  | 6.5/70.2     |
| R2      | 7030004980  | S.RES ERJ2GEJ 101 X (100)     | B  | 167.5/30.0   |
| R3      | 7030007280  | S.RES ERJ2GEJ 331 X (330)     | B  | 167.5/27.9   |
| R11     | 7030005290  | S.RES ERJ2GEJ 682 X (6.8K)    | B  | 35.4/42.2    |
| R12     | 7030007290  | S.RES ERJ2GEJ 222 X (2.2K)    | B  | 41.2/41.0    |
| R13     | 7030005040  | S.RES ERJ2GEJ 472 X (4.7K)    | B  | 39.1/41.0    |
| R14     | 7030007340  | S.RES ERJ2GEJ 153 X (15K)     | B  | 39.1/40.1    |
| R21     | 7030005290  | S.RES ERJ2GEJ 682 X (6.8K)    | B  | 148.0/42.7   |
| R22     | 7030007290  | S.RES ERJ2GEJ 222 X (2.2K)    | B  | 150.4/42.7   |
| R23     | 7030005040  | S.RES ERJ2GEJ 472 X (4.7K)    | B  | 152.8/42.7   |
| R24     | 7030007340  | S.RES ERJ2GEJ 153 X (15K)     | B  | 155.2/42.7   |
| R31     | 7030005290  | S.RES ERJ2GEJ 682 X (6.8K)    | B  | 193.0/62.2   |
| R32     | 7030007290  | S.RES ERJ2GEJ 222 X (2.2K)    | B  | 195.5/62.2   |
| R33     | 7030005040  | S.RES ERJ2GEJ 472 X (4.7K)    | B  | 198.0/62.2   |
| R34     | 7030007340  | S.RES ERJ2GEJ 153 X (15K)     | B  | 200.5/62.2   |
| R41     | 7030005290  | S.RES ERJ2GEJ 682 X (6.8K)    | B  | 193.0/63.2   |
| R42     | 7030007290  | S.RES ERJ2GEJ 222 X (2.2K)    | B  | 195.5/63.2   |
| R43     | 7030005040  | S.RES ERJ2GEJ 472 X (4.7K)    | B  | 198.0/63.2   |
| R44     | 7030007340  | S.RES ERJ2GEJ 153 X (15K)     | B  | 200.5/63.2   |
| R50     | 7030005120  | S.RES ERJ2GEJ 102 X (1K)      | B  | 58.5/66.6    |
| R51     | 7030005120  | S.RES ERJ2GEJ 102 X (1K)      | B  | 58.5/67.5    |
| R52     | 7030005120  | S.RES ERJ2GEJ 102 X (1K)      | B  | 58.5/62.2    |
| R53     | 7030005120  | S.RES ERJ2GEJ 102 X (1K)      | B  | 58.5/65.2    |
| R54     | 7030005120  | S.RES ERJ2GEJ 102 X (1K)      | B  | 58.5/64.2    |
| R61     | 7030005120  | S.RES ERJ2GEJ 102 X (1K)      | B  | 61.5/17.2    |
| R62     | 7030005120  | S.RES ERJ2GEJ 102 X (1K)      | B  | 61.5/16.2    |
| R71     | 7030005120  | S.RES ERJ2GEJ 102 X (1K)      | B  | 169.0/50.4   |
| R72     | 7030005120  | S.RES ERJ2GEJ 102 X (1K)      | B  | 173.8/44.3   |
| R73     | 7030005120  | S.RES ERJ2GEJ 102 X (1K)      | B  | 173.9/45.3   |
| R101    | 7030011010  | S.RES ERJ2GEJ 8R2 X (8.2)     | B  | 58.1/50.9    |
| R102    | 7030005300  | S.RES ERJ2GEJ 150 X (15)      | B  | 58.1/50.0    |
| R103    | 7030005240  | S.RES ERJ2GEJ 473 X (47K)     | B  | 88.7/50.7    |
| R141    | 7030005530  | S.RES ERJ2GEJ 100 X (10)      | B  | 91.9/47.8    |
| R142    | 7030005530  | S.RES ERJ2GEJ 100 X (10)      | B  | 94.0/50.3    |
| R143    | 7030005530  | S.RES ERJ2GEJ 100 X (10)      | B  | 93.0/47.8    |
| R144    | 7030005530  | S.RES ERJ2GEJ 100 X (10)      | B  | 94.8/49.0    |
| R201    | 7030005080  | S.RES ERJ2GEJ 823 X (82K)     | B  | 168.0/15.8   |
| R202    | 7030005240  | S.RES ERJ2GEJ 473 X (47K)     | B  | 170.5/15.8   |
| R203    | 7030005080  | S.RES ERJ2GEJ 823 X (82K)     | B  | 168.0/17.8   |
| R204    | 7030005240  | S.RES ERJ2GEJ 473 X (47K)     | B  | 170.5/17.8   |
| R301    | 7030005050  | S.RES ERJ2GEJ 103 X (10K)     | B  | 113.5/74.0   |
| R302    | 7030005120  | S.RES ERJ2GEJ 102 X (1K)      | B  | 115.5/74.0   |
| R303    | 7030005120  | S.RES ERJ2GEJ 102 X (1K)      | B  | 114.5/74.0   |
| R401    | 7030005220  | S.RES ERJ2GEJ 223 X (22K)     | B  | 19.6/53.4    |
| R402    | 7030005090  | S.RES ERJ2GEJ 104 X (100K)    | B  | 20.6/53.4    |
| R461    | 7030005040  | S.RES ERJ2GEJ 472 X (4.7K)    | B  | 49.2/51.8    |
| R462    | 7030009320  | S.RES ERJ2GEJ 4R7 X (4.7)     | B  | 49.2/49.0    |
| R463    | 7030005040  | S.RES ERJ2GEJ 472 X (4.7K)    | B  | 48.5/47.0    |
| R464    | 7030005090  | S.RES ERJ2GEJ 104 X (100K)    | B  | 47.5/47.0    |
| R471    | 7030007290  | S.RES ERJ2GEJ 222 X (2.2K)    | B  | 34.0/48.7    |
| R472    | 7030005240  | S.RES ERJ2GEJ 473 X (47K)     | B  | 33.9/47.7    |
| R481    | 7030005050  | S.RES ERJ2GEJ 103 X (10K)     | B  | 20.8/67.1    |
| R491    | 7030005040  | S.RES ERJ2GEJ 472 X (4.7K)    | B  | 37.1/53.5    |
| R492    | 7030005060  | S.RES ERJ2GEJ 333 X (33K)     | B  | 37.1/52.6    |
| R493    | 7030007340  | S.RES ERJ2GEJ 153 X (15K)     | B  | 38.0/51.6    |
| R494    | 7030005240  | S.RES ERJ2GEJ 473 X (47K)     | B  | 35.9/48.7    |
| R495    | 7030005050  | S.RES ERJ2GEJ 103 X (10K)     | B  | 29.5/49.6    |
| R496    | 7030007270  | S.RES ERJ2GEJ 151 X (150)     | B  | 35.5/52.1    |
| R501    | 7410001220  | S.ARR EXB28V103JX             | B  | 109.5/58.2   |
| R502    | 7030005240  | S.RES ERJ2GEJ 473 X (47K)     | B  | 126.0/64.7   |
| R503    | 7410001220  | S.ARR EXB28V103JX             | B  | 128.5/51.2   |
| R504    | 7410001220  | S.ARR EXB28V103JX             | B  | 109.5/51.2   |
| R601    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 79.1/55.0    |
| R602    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 80.3/55.0    |
| R603    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 81.5/55.0    |
| R604    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 82.7/55.0    |
| R605    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 83.9/55.0    |
| R606    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 85.1/55.0    |
| R607    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 86.3/55.0    |
| R608    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 87.5/55.0    |
| R609    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 88.7/55.0    |
| R610    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 89.9/55.0    |
| R611    | 7030004980  | S.RES ERJ2GEJ 101 X (100)     | B  | 92.1/55.0    |
| R612    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 93.3/55.0    |
| R613    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 78.5/62.5    |
| R614    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 79.7/62.5    |
| R615    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 80.9/62.5    |
| R616    | 7030007250  | S.RES ERJ2GEJ 220 X (22)      | B  | 82.1/62.5    |

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

## [DISPLAY UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                   | M. | H/V LOCATION |
|---------|------------|-------------------------------|----|--------------|
| R617    | 7030007250 | S.RES ERJ2GEJ 220 X (22)      | B  | 83.3/62.5    |
| R618    | 7030007250 | S.RES ERJ2GEJ 220 X (22)      | B  | 84.5/62.5    |
| R619    | 7030007250 | S.RES ERJ2GEJ 220 X (22)      | B  | 85.7/62.5    |
| R620    | 7030007250 | S.RES ERJ2GEJ 220 X (22)      | B  | 86.9/62.5    |
| R621    | 7030007250 | S.RES ERJ2GEJ 220 X (22)      | B  | 88.1/62.5    |
| R622    | 7030007250 | S.RES ERJ2GEJ 220 X (22)      | B  | 89.3/62.5    |
| R623    | 7030007250 | S.RES ERJ2GEJ 220 X (22)      | B  | 90.5/62.5    |
| R624    | 7030007250 | S.RES ERJ2GEJ 220 X (22)      | B  | 92.7/62.5    |
| R625    | 7030004980 | S.RES ERJ2GEJ 101 X (100)     | B  | 93.9/62.5    |
| C50     | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 61.0/66.6    |
| C51     | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 61.0/67.5    |
| C52     | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 61.0/62.2    |
| C53     | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 61.0/65.2    |
| C54     | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 61.0/64.2    |
| C61     | 4030019990 | S.CER C1005 JB 1C 104K-T      | B  | 64.0/17.2    |
| C62     | 4030019990 | S.CER C1005 JB 1C 104K-T      | B  | 64.0/16.2    |
| C71     | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 167.2/50.4   |
| C72     | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 175.6/44.3   |
| C73     | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 175.6/45.3   |
| C101    | 4030021530 | S.CER C1608 JB 1E 224K-T      | B  | 58.1/52.7    |
| C102    | 4030021760 | S.CER GRM31MB31H105KA87L      | B  | 66.4/53.0    |
| C103    | 4030020270 | S.CER GRM188B11A105KA61D      | B  | 61.1/49.7    |
| C104    | 4030020270 | S.CER GRM188B11A105KA61D      | B  | 57.3/48.1    |
| C141    | 4030017460 | S.CER C1005 JB 1H 102K-T      | B  | 95.5/50.3    |
| C142    | 4030017460 | S.CER C1005 JB 1H 102K-T      | B  | 96.5/50.7    |
| C143    | 4030017460 | S.CER C1005 JB 1H 102K-T      | B  | 95.1/47.8    |
| C144    | 4030017460 | S.CER C1005 JB 1H 102K-T      | B  | 96.1/48.3    |
| C151    | 4030019990 | S.CER C1005 JB 1C 104K-T      | B  | 96.9/46.6    |
| C152    | 4030019990 | S.CER C1005 JB 1C 104K-T      | B  | 103.5/50.2   |
| C201    | 4030019990 | S.CER C1005 JB 1C 104K-T      | B  | 168.0/13.8   |
| C403    | 4030019620 | S.CER GRM188B31C225KE14D      | B  | 25.0/51.0    |
| C452    | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 20.8/62.7    |
| C453    | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 20.8/61.4    |
| C461    | 4030017460 | S.CER C1005 JB 1H 102K-T      | B  | 48.8/50.4    |
| C471    | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 37.7/47.3    |
| C491    | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 28.5/49.6    |
| C501    | 4030020270 | S.CER GRM188B11A105KA61D      | B  | 111.5/60.2   |
| C502    | 4030019990 | S.CER C1005 JB 1C 104K-T      | B  | 111.5/61.8   |
| C503    | 4030019990 | S.CER C1005 JB 1C 104K-T      | B  | 111.5/62.8   |
| C611    | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 92.1/52.5    |
| C625    | 4030016790 | S.CER C1005 JB 1E 103K-T      | B  | 93.9/65.0    |
| C626    | 4030019990 | S.CER C1005 JB 1C 104K-T      | B  | 74.8/65.0    |
| C627    | 4030019990 | S.CER C1005 JB 1C 104K-T      | B  | 72.0/55.8    |
| C628    | 4030019990 | S.CER C1005 JB 1C 104K-T      | B  | 76.2/65.0    |
| J51     | 6510022692 | S.CON 06FLT-SM2-TB(LF)(SN)(M) | B  | 55.0/64.8    |
| J61     | 6510022692 | S.CON 06FLT-SM2-TB(LF)(SN)(M) | B  | 57.5/16.6    |
| J71     | 6510022692 | S.CON 06FLT-SM2-TB(LF)(SN)(M) | B  | 170.2/47.1   |
| J101    | 6510031070 | S.CON AYF534035               | B  | 83.4/44.6    |
| J201    | 6510018971 | S.CON B4B-PH-SM4-TB(LF)(SN)   | B  | 177.1/16.8   |
| J301    | 6510022692 | S.CON 06FLT-SM2-TB(LF)(SN)(M) | B  | 110.0/73.7   |
| J401    | 6510018971 | S.CON B4B-PH-SM4-TB(LF)(SN)   | B  | 15.8/50.7    |
| J421    | 6510018971 | S.CON B4B-PH-SM4-TB(LF)(SN)   | B  | 39.5/30.4    |
| J451    | 6510019971 | S.CON 52808-1071              | B  | 7.8/60.7     |
| J601    | 6510022472 | S.CON 40FLT-SM2-TB(LF)(SN)(M) | B  | 84.0/58.8    |
| DS1     | 5040003500 | S.LED HT-191 UYG-K828 <KOU>   | T  | 8.8/76.3     |
| DS2     | 5040003870 | S.LED SSC-YGHR411-H           | T  | 167.8/28.8   |
| S1      | 2230001480 | S.SWI LS37J2-T                | T  | 9.0/72.0     |
| S2      | 2230001480 | S.SWI LS37J2-T                | T  | 9.0/61.7     |
| S3      | 2230001480 | S.SWI LS37J2-T                | T  | 9.0/51.7     |
| S4      | 2230001480 | S.SWI LS37J2-T                | T  | 9.0/45.7     |
| S5      | 2230001480 | S.SWI LS37J2-T                | T  | 28.3/45.8    |
| S6      | 2230001480 | S.SWI LS37J2-T                | T  | 42.7/45.8    |
| S7      | 2230001480 | S.SWI LS37J2-T                | T  | 28.3/41.1    |
| S8      | 2230001480 | S.SWI LS37J2-T                | T  | 42.7/41.1    |
| S9      | 2230001480 | S.SWI LS37J2-T                | T  | 68.4/3.1     |
| S10     | 2230001480 | S.SWI LS37J2-T                | T  | 87.9/3.1     |
| S11     | 2230001480 | S.SWI LS37J2-T                | T  | 107.4/3.1    |
| S12     | 2230001480 | S.SWI LS37J2-T                | T  | 126.9/3.1    |
| S13     | 2230001480 | S.SWI LS37J2-T                | T  | 146.4/3.1    |
| S14     | 2230001480 | S.SWI LS37J2-T                | T  | 167.1/47.8   |
| S15     | 2230001480 | S.SWI LS37J2-T                | T  | 165.8/14.8   |
| S16     | 2230001480 | S.SWI LS37J2-T                | T  | 169.0/3.1    |
| S17     | 2230001480 | S.SWI LS37J2-T                | T  | 191.1/74.1   |
| S18     | 2230001480 | S.SWI LS37J2-T                | T  | 206.2/74.1   |
| S19     | 2230001480 | S.SWI LS37J2-T                | T  | 221.3/74.1   |
| S20     | 2230001480 | S.SWI LS37J2-T                | T  | 191.1/65.8   |
| S21     | 2230001480 | S.SWI LS37J2-T                | T  | 206.2/65.8   |
| S22     | 2230001480 | S.SWI LS37J2-T                | T  | 221.3/65.8   |
| S23     | 2230001480 | S.SWI LS37J2-T                | T  | 191.1/59.5   |
| S24     | 2230001480 | S.SWI LS37J2-T                | T  | 206.2/59.5   |
| S25     | 2230001480 | S.SWI LS37J2-T                | T  | 222.4/59.5   |
| EP401   | 6910018930 | S.BEA MPZ2012S601A            | B  | 19.9/50.2    |
| EP402   | 6910018930 | S.BEA MPZ2012S601A            | B  | 20.8/47.7    |
| EP451   | 6910018930 | S.BEA MPZ2012S601A            | B  | 16.8/59.7    |
| EP452   | 6910019900 | S.BEA MPZ1608S601AT           | B  | 17.6/62.7    |
| EP453   | 6910017350 | S.BEA MMZ1608S601A-T          | B  | 17.6/61.4    |
| EP454   | 6910016330 | S.BEA MMZ1005S 601CT-S        | B  | 17.6/63.9    |
| EP455   | 6910018930 | S.BEA MPZ2012S601A            | B  | 16.8/57.9    |
| EP456   | 6910016330 | S.BEA MMZ1005S 601CT-S        | B  | 6.0/65.2     |
| EP457   | 6910016330 | S.BEA MMZ1005S 601CT-S        | B  | 5.0/65.2     |
| EP601   | 6910019900 | S.BEA MPZ1608S601AT           | B  | 73.7/63.0    |
| EP602   | 6910019900 | S.BEA MPZ1608S601AT           | B  | 75.4/55.4    |
| EP603   | 6910019900 | S.BEA MPZ1608S601AT           | B  | 77.3/63.0    |

## [PBT UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                | M. | H/V LOCATION |
|---------|------------|----------------------------|----|--------------|
| J1      | 6510029480 | S.CON 06FH-SM1-TB(LF)(SN)  | T  | 19.8/8.3     |
| S1      | 2250000960 | ENC TP90D96AE20-30.5F-3765 |    |              |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

| REF NO. | PARTS NO.  | DESCRIPTION |                             | M. | H/V LOCATION |
|---------|------------|-------------|-----------------------------|----|--------------|
| R1      | 7210002970 | VAR         | RV-314(RK0972210 10KB/10KB) |    |              |
| J1      | 6510029480 | S.CON       | 06FH-SM1-TB(LF)(SN)         | T  | 19.8/9.3     |

| REF NO. | PARTS NO.  | DESCRIPTION                 | M. | H/V LOCATION |
|---------|------------|-----------------------------|----|--------------|
| J1      | 6510029480 | S.CON 06FH-SM1-TB(LF)(SN)   | T  | 20.0/5.6     |
| S1      | 2250001010 | ENC TP90N00AE20-14.5F-3765A |    |              |

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount



**[PHONE UNIT]**

| REF NO. | PARTS NO.  | DESCRIPTION                   | M. | H/V LOCATION |
|---------|------------|-------------------------------|----|--------------|
| R401    | 7030003440 | S.RES ERJ3GEYJ 102 V (1K)     | T  | 18.5/8.4     |
| R403    | 7030003320 | S.RES ERJ3GEYJ 101 V (100)    | T  | 13.1/12.9    |
| R404    | 7030003320 | S.RES ERJ3GEYJ 101 V (100)    | T  | 15.9/12.9    |
| C401    | 4030006900 | S.CER C1608 JB 1H 103K-T ATEX | T  | 18.5/9.6     |
| C404    | 4030006900 | S.CER C1608 JB 1H 103K-T ATEX | T  | 10.4/12.9    |
| J1      | 6450001630 | CON HSJ1406-01-050            |    |              |
| EP401   | 6910018930 | S.BEA MPZ2012S601A            | T  | 18.0/13.3    |
| EP402   | 6910018930 | S.BEA MPZ2012S601A            | T  | 15.6/11.3    |
| EP403   | 6910018930 | S.BEA MPZ2012S601A            | T  | 10.2/11.3    |

**[MIC UNIT]**

| REF NO. | PARTS NO.  | DESCRIPTION                   | M. | H/V LOCATION |
|---------|------------|-------------------------------|----|--------------|
| C1      | 4030006900 | S.CER C1608 JB 1H 103K-T ATEX | T  | 10.3/17.4    |
| C2      | 4030006900 | S.CER C1608 JB 1H 103K-T ATEX | T  | 22.8/14.8    |
| C3      | 4030006900 | S.CER C1608 JB 1H 103K-T ATEX | T  | 8.1/15.3     |
| C4      | 4030007130 | S.CER C1608 CH 1H 101J-T ATEX | T  | 5.5/3.8      |
| C5      | 4030006900 | S.CER C1608 JB 1H 103K-T ATEX | T  | 24.5/91.6    |
| C6      | 4030006900 | S.CER C1608 JB 1H 103K-T ATEX | T  | 24.5/92.5    |
| C7      | 4030006900 | S.CER C1608 JB 1H 103K-T ATEX | T  | 24.5/93.4    |
| C8      | 4030007090 | S.CER C1608 CH 1H 470J-T      | T  | 24.5/94.3    |
| J1      | 6510000191 | CON FM214-8SS(P)-1            |    |              |
| J2      | 6510019971 | S.CON 52808-1071              | T  | 4.0/11.2     |
| EP2     | 6910012350 | S.BEA MMZ1608Y 102BT          | T  | 22.8/13.5    |
| EP3     | 6910012350 | S.BEA MMZ1608Y 102BT          | T  | 23.6/9.1     |
| EP4     | 6910012350 | S.BEA MMZ1608Y 102BT          | T  | 7.4/13.4     |
| EP5     | 6910012350 | S.BEA MMZ1608Y 102BT          | T  | 21.3/16.1    |
| EP7     | 6910018930 | S.BEA MPZ2012S601A            | T  | 7.6/6.2      |
| EP9     | 6910015130 | S.BEA MMZ1608D 301BT          | T  | 10.1/2.5     |
| EP10    | 6910015130 | S.BEA MMZ1608D 301BT          | T  | 10.1/3.7     |
| EP11    | 6910012350 | S.BEA MMZ1608Y 102BT          | T  | 11.6/17.4    |
| EP12    | 6910018930 | S.BEA MPZ2012S601A            | T  | 7.9/16.8     |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[SD UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                   | M. | H/V LOCATION |
|---------|------------|-------------------------------|----|--------------|
| R1      | 7030003360 | S.RES ERJ3GEYJ 221 V (220)    | T  | 35.1/11.5    |
| R2      | 7030003250 | S.RES ERJ3GEYJ 270 V (27)     | T  | 35.1/13.9    |
| R3      | 7030003250 | S.RES ERJ3GEYJ 270 V (27)     | T  | 35.1/15.1    |
| R4      | 7030003250 | S.RES ERJ3GEYJ 270 V (27)     | T  | 35.1/18.7    |
| R5      | 7030003250 | S.RES ERJ3GEYJ 270 V (27)     | T  | 35.1/19.9    |
| R6      | 7030003250 | S.RES ERJ3GEYJ 270 V (27)     | T  | 35.1/17.5    |
| R8      | 7030003250 | S.RES ERJ3GEYJ 270 V (27)     | T  | 35.1/12.7    |
| R9      | 7030003360 | S.RES ERJ3GEYJ 221 V (220)    | T  | 35.1/10.3    |
| C1      | 4030011600 | S.CER C1608 JB 1E 104K-T ATEX | T  | 32.6/16.0    |
| C2      | 4030019560 | S.CER GRM21BB31C106KE15L      | T  | 31.1/15.6    |
| J1      | 6510028980 | S.CON SCDABA0500              | T  | 13.9/15.3    |
| J2      | 6510031540 | S.CON 12FHJ-SM1-TB(LF)(SN)    | T  | 40.3/15.3    |
| EP7     | 6910019900 | S.BEA MPZ1608S601AT1          | T  | 35.1/16.3    |

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

# SECTION 6

# MECHANICAL PARTS

## [CHASSIS PARTS]

| REF NO. | ORDER NO.  | DESCRIPTION                          | QTY.    |
|---------|------------|--------------------------------------|---------|
| J1      | 6510028411 | MR-DS-01-2 <GA>                      | 1       |
| SP1     | 2510002000 | 057D0805                             | 1       |
| MF1     | 2710001060 | FD128025HB-N (2N7R1) <USE>           | 1       |
| W1**    | 8970024631 | 1.5DCOAXIAL170MM-1 C31/C31           | 1       |
| W3**    | 8970024412 | 1.5DCOAXIAL330MM-2 (T) C31/C31       | 1       |
| W5**    | 8970024252 | 1.5DCOAXIAL240MM-2 C31/C31           | 1       |
| W7**    | 8900016990 | OPC-1741 (1.5DCOAXIAL110MM)          | 1       |
| W11**   | 8600037600 | SX3765 P11*P12CH (3765-1)            | 1       |
| W15     | 8920001580 | CAB-1186                             | [#02] 1 |
|         | 8920001670 | CAB-1205                             | [#03] 1 |
|         | 8920001670 | CAB-1205                             | [#05] 1 |
|         | 8920001670 | CAB-1205                             | [#06] 1 |
|         | 8920001580 | CAB-1186                             | [#07] 1 |
|         | 8920001580 | CAB-1186                             | [#08] 1 |
|         | 8920001580 | CAB-1186                             | [#12] 1 |
| W16     | 8600037380 | SX3183 J1101*P1102CH                 | 1       |
| W21**   | 8910000500 | FFC-1055 (P0.5N30L150)               | 1       |
| W22**   | 8910000220 | FFC-1024 (P0.5N40L120)               | 1       |
| W23**   | 8910000530 | FFC-1057 (P0.5N30L65 S)              | 1       |
| W24**   | 8910000520 | FFC-1056 (P0.5N40L100 S) TJM         | 1       |
| W25**   | 8900018810 | OPC-1974 (P0.5N12L50)                | 1       |
| EP2     | 6910025930 | S80-5 <USE>                          | 1       |
| MP1     | 8010023570 | 3765 CHASSIS                         | 1       |
| MP2     | 8110010940 | 3765 U-COVER Y2203                   | 1       |
| MP3     | 8110010950 | 3765 L-COVER Y2202                   | 1       |
| MP4     | 8930093300 | 3765 SP RUBBER (TOP)                 | 1       |
| MP5     | 8930093310 | 3765 NET                             | 1       |
| MP6     | 8930075100 | 3015 STAND HOLDER                    | 2       |
| MP7     | 8930074520 | 3015 STAND                           | 1       |
| MP9     | 8930002900 | RUBBER LEG (A) SK1912A               | 2       |
| MP21    | 8820000530 | FLANGE BOLT M4 X 8 NI                | 1       |
| MP22    | 8850000140 | FLAT WASHER M 4 NI BS                | 2       |
| MP23    | 8850000430 | S-WASHER M 4 NI                      | 1       |
| MP24    | 8810008661 | PHBT M3 X 8 NI-ZC3                   | 7       |
| MP25    | 8810008661 | PHBT M3 X 8 NI-ZC3                   | 7       |
| MP26    | 8810008661 | PHBT M3 X 8 NI-ZC3                   | 8       |
| MP27    | 8810008661 | PHBT M3 X 8 NI-ZC3                   | 7       |
| MP28*   | 8810007231 | SET SCREWH M3 X 8 ZC3                | 1       |
| MP29*   | 8810007231 | SET SCREWH M3 X 8 ZC3                | 4       |
| MP30    | 8810009461 | FLAT M3 X 8 ZK3                      | 14      |
| MP31    | 8810009461 | FLAT M3 X 8 ZK3                      | 10      |
| MP32    | 8810005771 | BIND M3 X 8 ZK3BLACK                 | 2       |
| MP33    | 8810005771 | BIND M3 X 8 ZK3BLACK                 | 2       |
| MP34    | 8810008661 | PHBT M3 X 8 NI-ZC3                   | 2       |
| MP35    | 8810008661 | PHBT M3 X 8 NI-ZC3                   | 1       |
| MP36    | 8810010580 | SET SCREWA M4 X32                    | 4       |
| MP37    | 8810009651 | FLAT BT M3 X 8 NI-ZC3                | 4       |
| MP51    | 8410002951 | 3765 MAIN HEATSINK-1 Y2205A          | 1       |
| MP52    | 8930090910 | THERMAL SHEET (CL) TC-200CAS (26X37) | 1       |
| MP54    | 8930091820 | SHIELD SPONGE (DH)                   | 1       |
| MP55    | 8930082231 | SHIELD SPONGE (CQ)-1                 | 1       |
| MP56    | 8930091820 | SHIELD SPONGE (DH)                   | 1       |
| MP57    | 8930091820 | SHIELD SPONGE (DH)                   | 1       |
| MP58    | 8850003650 | PLAIN WASHER (BA)                    | 4       |
| MP59    | 8930094660 | SPONGE (OC)                          | 1       |
| MP60    | 8930037770 | THERMAL SHEET AY                     | 2       |
| MP61    | 8930037770 | THERMAL SHEET AY                     | 2       |
| MP62    | 8930094670 | SPONGE (OD)                          | 1       |
| MP63    | 8930084330 | THERMAL SHEET (CA)TC600HS1.4 (6.9X9) | 3       |
| MP64    | 8930094510 | SPONGE (NZ)                          | 2       |
| MP65    | 8930085780 | SPONGE (LX)                          | 1       |
| MP66*   | 8930094670 | SPONGE (OD)                          | 1       |
| MP67*   | 8930094720 | RUBBER SHEET (CT)                    | 1       |
| MP68*   | 8930057311 | SHIELD SPONGE (I)-1                  | [#03] 1 |
|         | 8930057311 | SHIELD SPONGE (I)-1                  | [#05] 1 |
|         | 8930057311 | SHIELD SPONGE (I)-1                  | [#06] 1 |
| MP69*   | 8930095180 | FERRITE SHEET (BB)                   | [#03] 1 |
|         | 8930095180 | FERRITE SHEET (BB)                   | [#05] 1 |
|         | 8930095180 | FERRITE SHEET (BB)                   | [#06] 1 |
| MP70*   | 8930095110 | SHIELD SPONGE (EH)                   | [#02] 1 |
|         | 8930095110 | SHIELD SPONGE (EH)                   | [#03] 1 |
|         | 8930095110 | SHIELD SPONGE (EH)                   | [#05] 1 |
|         | 8930095110 | SHIELD SPONGE (EH)                   | [#06] 1 |

## [MAIN PARTS]

| REF NO. | ORDER NO.  | DESCRIPTION                 | QTY. |
|---------|------------|-----------------------------|------|
| J1*     | 6510022472 | 40FLT-SM2-TB (LF) (SN) (M)  | 1    |
| J21*    | 6510021722 | 30FLT-SM2-TB (LF) (SN) (M)  | 1    |
| J45*    | 6510018961 | B2B-PH-SM4-TB (LF) (SN)     | 1    |
| J51*    | 6510021722 | 30FLT-SM2-TB (LF) (SN) (M)  | 1    |
| J71*    | 6510022472 | 40FLT-SM2-TB (LF) (SN) (M)  | 1    |
| J101*   | 6510024522 | 12FLT-SM2-TB (LF) (SN) (M)  | 1    |
| J491*   | 6510025142 | 10FLT-SM2-TB (LF) (SN) (M)  | 1    |
| J601    | 6510026540 | UBB-4R-D14T-4D (LF) (SN)    | 1    |
| J691    | 6510025940 | PJ-3047S <XIN>              | 1    |
| J751    | 6510025940 | PJ-3047S <XIN>              | 1    |
| J752*   | 6510014961 | B2B-ZR-SM4-TF (LF) (SN)     | 1    |
| J761*   | 6510018971 | B4B-PH-SM4-TB (LF) (SN)     | 1    |
| J771    | 6450001641 | TCS5044-0141177             | 1    |
| J901*   | 6510025142 | 10FLT-SM2-TB (LF) (SN) (M)  | 1    |
| J1231   | 6510028210 | SJ050010 (TMP-J01X-V6)      | 1    |
| S371*   | 2230001480 | LS3J2-T                     | 1    |
| BT381*  | 3020000390 | ML414HIV01E                 | 1    |
| EP1202* | 6910002161 | CASE-BM7H-LF                | 1    |
| EP1262* | 6910002161 | CASE-BM7H-LF                | 1    |
| EP1300* | 6910026020 | CMB0210101402-00 <MSK>      | 1    |
| EP1333* | 6910002161 | CASE-BM7H-LF                | 1    |
| MP201*  | 8510020100 | 3182 DC-DC CASE Y1220       | 1    |
| MP721*  | 8510021840 | 3765 MAIN SHIELD CASE Y1377 | 1    |
| MP1231* | 8930067510 | 2427 B-EARTH SPRING         | 1    |
| MP1262  | 8930094410 | 3765 BM SPRING              | 1    |
| MP1263  | 8930082601 | SHIELD SPONGE (CT)-1        | 1    |

## [RF UNIT]

| REF NO. | ORDER NO.  | DESCRIPTION                | QTY. |
|---------|------------|----------------------------|------|
| J101    | 6450002520 | RL-1515-2 (B.B)-L <KUO>    | 1    |
| J201    | 6510023740 | LGR4609-7000               | 1    |
| J1001   | 6510028210 | SJ050010 (TMP-J01X-V6)     | 1    |
| J1071   | 6510028210 | SJ050010 (TMP-J01X-V6)     | 1    |
| J1311*  | 6510021722 | 30FLT-SM2-TB (LF) (SN) (M) | 1    |
| J1431   | 6510028210 | SJ050010 (TMP-J01X-V6)     | 1    |
| MP1251* | 8510021820 | 3765 RF-SHIELD CASE Y1375  | 1    |

## [PA UNIT]

| REF NO. | ORDER NO.  | DESCRIPTION                | QTY.    |
|---------|------------|----------------------------|---------|
| J101*   | 6510028210 | SJ050010 (TMP-J01X-V6)     | 1       |
| J301*   | 6510022472 | 40FLT-SM2-TB (LF) (SN) (M) | 1       |
| J331*   | 6510018971 | B4B-PH-SM4-TB (LF) (SN)    | 1       |
| J801*   | 6510028210 | SJ050010 (TMP-J01X-V6)     | 1       |
| J961*   | 6510028210 | SJ050010 (TMP-J01X-V6)     | 1       |
| F2*     | 5210000940 | 1205                       | 1       |
| F201*   | 5220000400 | FHA010-01F                 | 1       |
| W1      | 8900017860 | OPC-1857                   | [#02] 1 |
|         | 8900018220 | OPC-1943                   | [#03] 1 |
|         | 8900018220 | OPC-1943                   | [#05] 1 |
|         | 8900018220 | OPC-1943                   | [#06] 1 |
|         | 8900017860 | OPC-1857                   | [#07] 1 |
|         | 8900017860 | OPC-1857                   | [#08] 1 |
|         | 8900017860 | OPC-1857                   | [#12] 1 |
| MP301*  | 8930075440 | 3015 RUG SPRING Y1115      | 1       |
| MP302*  | 8930075440 | 3015 RUG SPRING Y1115      | 1       |

\*: Refer to "BOARD LAYOUTS" for the location.

\*\*\*: Refer to "GENERAL WIRING" for the connection

**Screw abbreviations** A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless

[TUNER UNIT]

| REF NO. | ORDER NO.  | DESCRIPTION                | QTY. |
|---------|------------|----------------------------|------|
| W2001*  | 8970024721 | 1.5DCOAXIAL140MM-1 C31/C31 | 1    |
| J1001*  | 6510028210 | SJ050010 (TMP-J01X-V6)     | 1    |
| J1801*  | 6510021722 | 30FLT-SM2-TB (LF) (SN) (M) | 1    |
| J2001*  | 6510028210 | SJ050010 (TMP-J01X-V6)     | 1    |
| J2002*  | 6510028210 | SJ050010 (TMP-J01X-V6)     | 1    |
| MP1301* | 8510013390 | 2355 MIX CASE              | 1    |
| MP2001* | 8930075430 | 3015 ANT SPRING Y1091      | 1    |

[FRONT UNIT]

| REF NO. | ORDER NO.  | DESCRIPTION                                 | QTY. |
|---------|------------|---------------------------------------------|------|
| DS1     | 5030004050 | RFE430H-AZH-DNS-000 <TRIA>                  | 1    |
| W1**    | 8910000070 | FFC-1008 (P0.5N6L50)                        | 1    |
| W2**    | 8910000070 | FFC-1008 (P0.5N6L50)                        | 1    |
| W3**    | 8910000070 | FFC-1008 (P0.5N6L50)                        | 1    |
| W4**    | 8900018000 | OPC-1344A (P1N10L70)                        | 1    |
| EP1     | 0880001360 | EX-2500 SENSOR                              | 1    |
| MP1     | 8210031701 | 3765 FRONT PANEL ASSEMBLY-1 (including MP2) | 1    |
| MP2     | 8930093270 | 3765 B-LENS                                 | 1    |
| MP3     | 8610015840 | KNOB K-300 ASSEMBLY (including MP4)         | 1    |
| MP4     | 8930093260 | 3765 A-LENS                                 | 1    |
| MP5     | 8610015710 | KNOB K-301                                  | 1    |
| MP6     | 8610015720 | KNOB K-302                                  | 1    |
| MP7     | 8610015730 | KNOB K-303                                  | 1    |
| MP8     | 8610015740 | KNOB K-304                                  | 1    |
| MP11    | 8010023630 | 3765 SUB CHASSIS Y2204                      | 1    |
| MP21    | 8810008661 | PHBT M3 X 8 NI-ZC3                          | 5    |
| MP22    | 8810008661 | PHBT M3 X 8 NI-ZC3                          | 12   |
| MP23    | 8810008661 | PHBT M3 X 8 NI-ZC3                          | 2    |
| MP24    | 8810008631 | PHBT M3 X 6 NI-ZC3                          | 2    |
| MP31    | 8930093290 | 3765 BRAKE PLATE                            | 1    |
| MP32    | 8930093280 | 3765 BRAKE BUTTON (including MP31)          | 1    |
| MP33    | 8930077360 | 3073 BRAKE PAD                              | 2    |
| MP34    | 8930094550 | 3765 BRAKE SHEET                            | 1    |
| MP35    | 8610015830 | KNOB N-432 ASSEMBLY (including MP42)        | 1    |
| MP36    | 8610015760 | KNOB N-432 COVER (TOP)                      | 1    |
| MP37    | 8610013880 | KNOB N-379                                  | 1    |
| MP38    | 8610011830 | KNOB N301                                   | 1    |
| MP39    | 8610013870 | KNOB N-378                                  | 1    |
| MP40    | 8610013290 | KNOB N-361                                  | 1    |
| MP41    | 8610015780 | KNOB N-433                                  | 1    |
| MP42    | 8610010040 | KNOB N-239 FINGER REST                      | 1    |
| MP43    | 8810003560 | M4 X 6 SUS                                  | 1    |
| MP47    | 8930057950 | DOUBLE SIDE TAPE (AH)                       | 2    |
| MP48    | 8930094510 | SPONGE (NZ)                                 | 8    |
| MP49    | 8930094520 | SPONGE (OA)                                 | 3    |
| MP50    | 8930094530 | HIMELON SHEET (DM)                          | 1    |
| MP51    | 8930094530 | HIMELON SHEET (DM)                          | 1    |
| MP52    | 8930094500 | 3765 VR SHEET                               | 1    |
| MP53    | 8930094540 | DOUBLE SIDE TAPE (CA)                       | 1    |
| MP54    | 8930083180 | SPONGE (LG)                                 | 4    |
| MP55    | 8930032130 | THERMAL SHEET AQ                            | 2    |
| MP56    | 8930094490 | 3765 KEY SPONGE                             | 1    |
| MP57*   | 8930037760 | INSULATION SHEETDY                          | 1    |
| MP58    | 8930094650 | SPONGE (OB)                                 | 1    |
| MP60    | 8930094680 | DOUBLE SIDE TAPE (CC)                       | 1    |
| MP61*   | 8930088580 | HIMELON SHEET (DD)                          | 1    |
| MP62    | 8930094750 | SPONGE (OF)                                 | 1    |

[DISPLAY UNIT]

| REF NO. | ORDER NO.  | DESCRIPTION                | QTY. |
|---------|------------|----------------------------|------|
| J51*    | 6510022692 | 06FLT-SM2-TB (LF) (SN) (M) | 1    |
| J61*    | 6510022692 | 06FLT-SM2-TB (LF) (SN) (M) | 1    |
| J71*    | 6510022692 | 06FLT-SM2-TB (LF) (SN) (M) | 1    |
| J101*   | 6510031070 | AYF534035                  | 1    |
| J201*   | 6510018971 | B4B-PH-SM4-TB (LF) (SN)    | 1    |
| J301*   | 6510022692 | 06FLT-SM2-TB (LF) (SN) (M) | 1    |
| J401*   | 6510018971 | B4B-PH-SM4-TB (LF) (SN)    | 1    |
| J421*   | 6510018971 | B4B-PH-SM4-TB (LF) (SN)    | 1    |
| J451*   | 6510019971 | 52808-1071                 | 1    |
| J601*   | 6510022472 | 40FLT-SM2-TB (LF) (SN) (M) | 1    |
| S1*     | 2230001480 | LS37J2-T                   | 1    |
| S2*     | 2230001480 | LS37J2-T                   | 1    |
| S3*     | 2230001480 | LS37J2-T                   | 1    |
| S4*     | 2230001480 | LS37J2-T                   | 1    |
| S5*     | 2230001480 | LS37J2-T                   | 1    |
| S6*     | 2230001480 | LS37J2-T                   | 1    |
| S7*     | 2230001480 | LS37J2-T                   | 1    |
| S8*     | 2230001480 | LS37J2-T                   | 1    |
| S9*     | 2230001480 | LS37J2-T                   | 1    |
| S10*    | 2230001480 | LS37J2-T                   | 1    |
| S11*    | 2230001480 | LS37J2-T                   | 1    |
| S12*    | 2230001480 | LS37J2-T                   | 1    |
| S13*    | 2230001480 | LS37J2-T                   | 1    |
| S14*    | 2230001480 | LS37J2-T                   | 1    |
| S15*    | 2230001480 | LS37J2-T                   | 1    |
| S16*    | 2230001480 | LS37J2-T                   | 1    |
| S17*    | 2230001480 | LS37J2-T                   | 1    |
| S18*    | 2230001480 | LS37J2-T                   | 1    |
| S19*    | 2230001480 | LS37J2-T                   | 1    |
| S20*    | 2230001480 | LS37J2-T                   | 1    |
| S21*    | 2230001480 | LS37J2-T                   | 1    |
| S22*    | 2230001480 | LS37J2-T                   | 1    |
| S23*    | 2230001480 | LS37J2-T                   | 1    |
| S24*    | 2230001480 | LS37J2-T                   | 1    |
| S25*    | 2230001480 | LS37J2-T                   | 1    |
| MP1*    | 8510002280 | VCOSHIELD PLATE (A) FX 15  | 1    |

[PBT UNIT]

| REF NO. | ORDER NO.  | DESCRIPTION            | QTY. |
|---------|------------|------------------------|------|
| J1*     | 6510029480 | 06FH-SM1-TB (LF) (SN)  | 1    |
| S1      | 2250000960 | TP90D96AE20-30.5F-3765 | 1    |

[VR UNIT]

| REF NO. | ORDER NO.  | DESCRIPTION           | QTY. |
|---------|------------|-----------------------|------|
| J1*     | 6510029480 | 06FH-SM1-TB (LF) (SN) | 1    |

[RIT UNIT]

| REF NO. | ORDER NO.  | DESCRIPTION             | QTY. |
|---------|------------|-------------------------|------|
| J1*     | 6510029480 | 06FH-SM1-TB (LF) (SN)   | 1    |
| S1      | 2250001010 | TP90N00AE20-14.5F-3765A | 1    |

[PHONE UNIT]

| REF NO. | ORDER NO.  | DESCRIPTION      | QTY. |
|---------|------------|------------------|------|
| W1**    | 8600036920 | EX2500 P01*J01MA | 1    |
| J1      | 6450001630 | HSJ1406-01-050   | 1    |

[MIC UNIT]

| REF NO. | ORDER NO.  | DESCRIPTION     | QTY. |
|---------|------------|-----------------|------|
| J1      | 6510000191 | FM214-8SS (P)-1 | 1    |
| J2*     | 6510019971 | 52808-1071      | 1    |

[SD UNIT]

| REF NO. | ORDER NO.  | DESCRIPTION            | QTY. |
|---------|------------|------------------------|------|
| J1*     | 6510028980 | SCDABA0500             | 1    |
| J2*     | 6510031540 | 12FHJ-SM1-TB (LF) (SN) | 1    |

\*: Refer to “BOARD LAYOUTS” for the location.

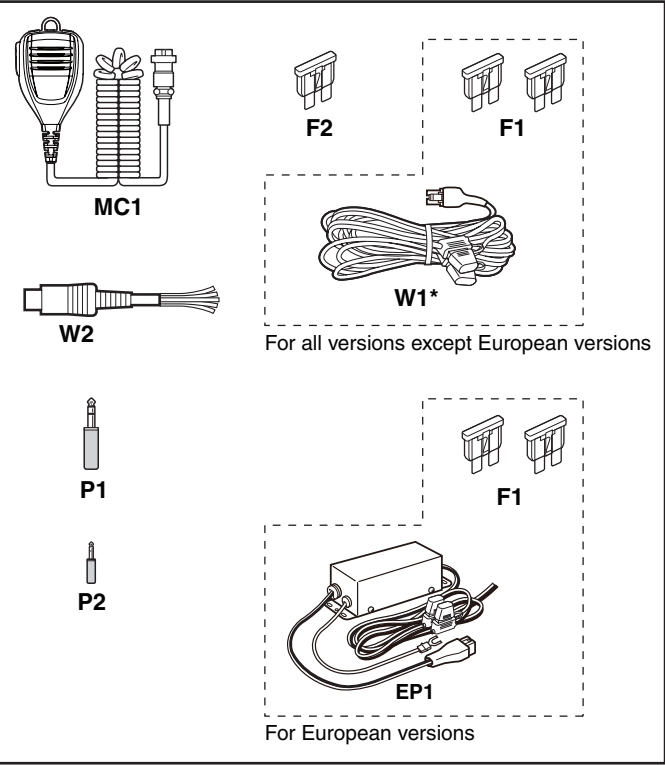
\*\*\*: Refer to “GENERAL WIRING” for the connection

**Screw abbreviations**      A, B0, BT: Self-tapping    PH: Pan head    ZK: Black    NI-ZU: Nickel-Zinc    SUS: Stainless

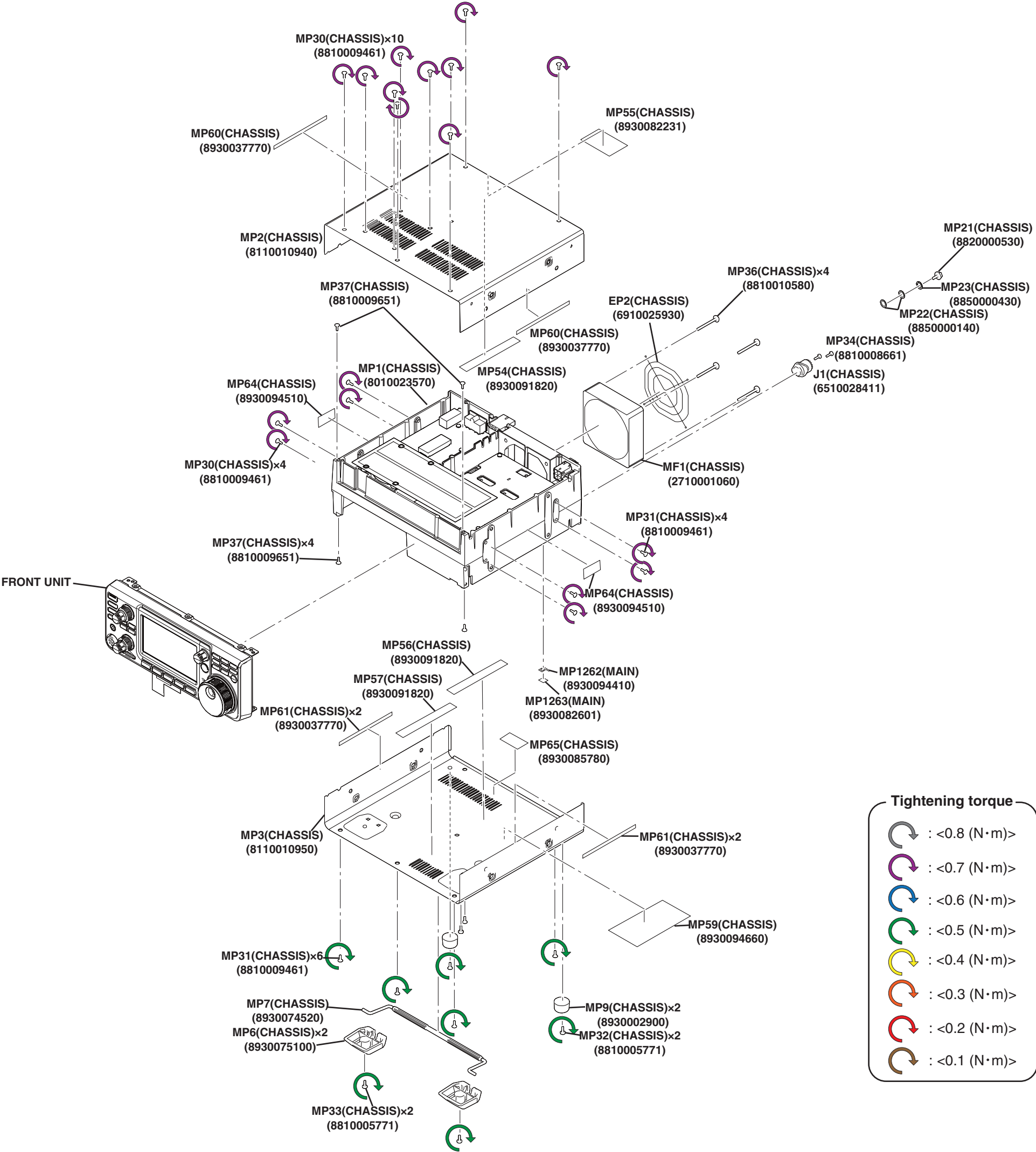


[ACCESSORIES]

| REF NO. | ORDER NO.  | DESCRIPTION  | QTY.    |
|---------|------------|--------------|---------|
| P1      | 5610000410 | AP-319       | 1       |
| P2      | 5610000420 | AP-338 (BK1) | 1       |
| F1      | 5210001360 | ATQ 25A      | [#02] 2 |
|         | 5210000841 | ATC 30-1     | [#03] 2 |
|         | 5210000841 | ATC 30-1     | [#05] 2 |
|         | 5210000841 | ATC 30-1     | [#06] 2 |
|         | 5210001360 | ATQ 25A      | [#07] 2 |
|         | 5210001360 | ATQ 25A      | [#08] 2 |
|         | 5210001360 | ATQ 25A      | [#12] 2 |
|         | 5210000940 | 1205         | 1       |
| MC1     | (Optional) | HM-219       | 1       |
| W1      | 8900022020 | OPC-2361     | [#02] 1 |
|         | 8900022020 | OPC-2361     | [#07] 1 |
|         | 8900022020 | OPC-2361     | [#08] 1 |
|         | 8900022020 | OPC-2361     | [#12] 1 |
| W2      | 8900006110 | OPC-596      | 1       |
|         |            |              |         |
| EP1     | 0880001680 | OPC1457R     | [#03] 1 |
|         | 0880001680 | OPC1457R     | [#05] 1 |



\* Different types of accessories may be supplied, or may not be supplied depending on the transceiver version.



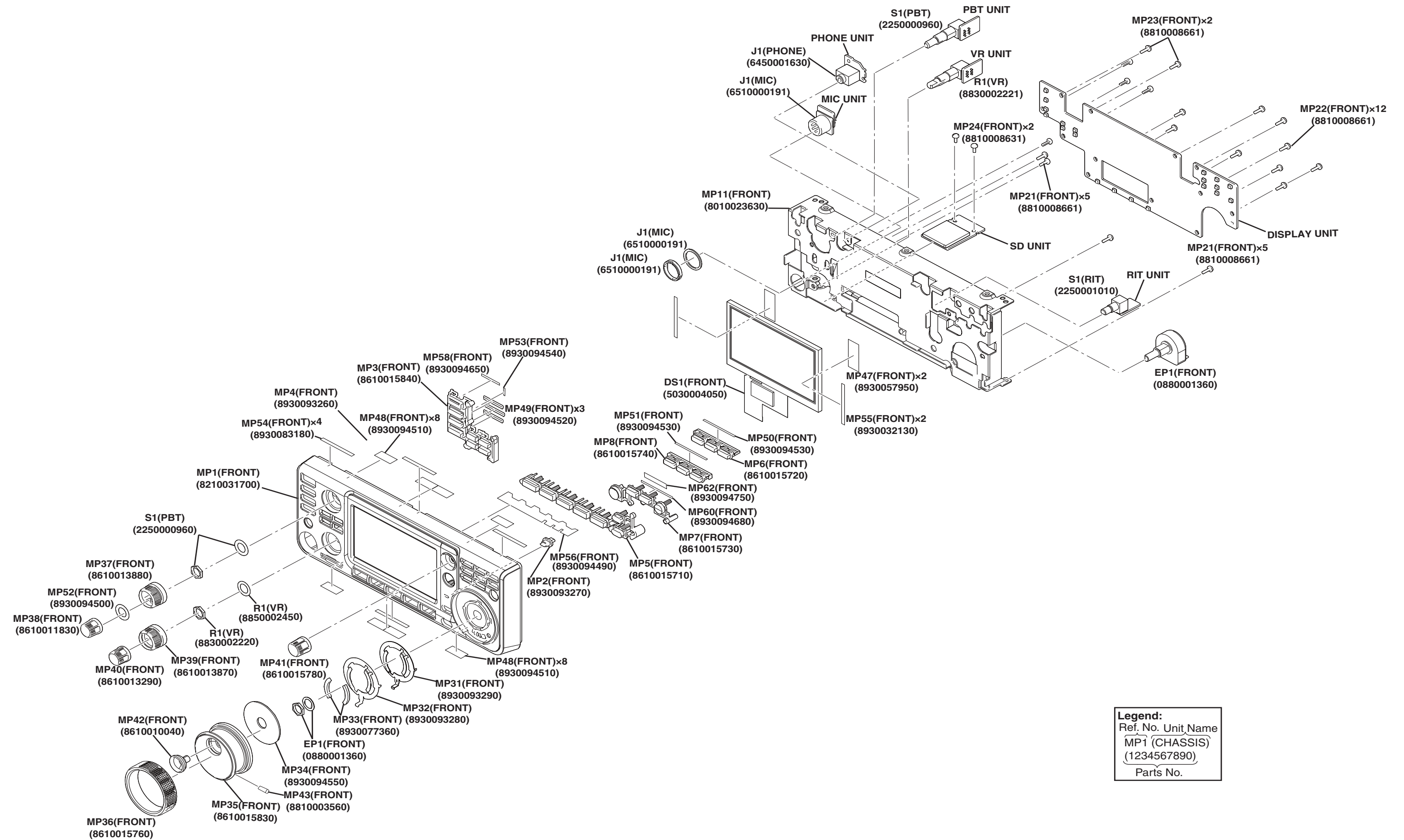
Tightening torque

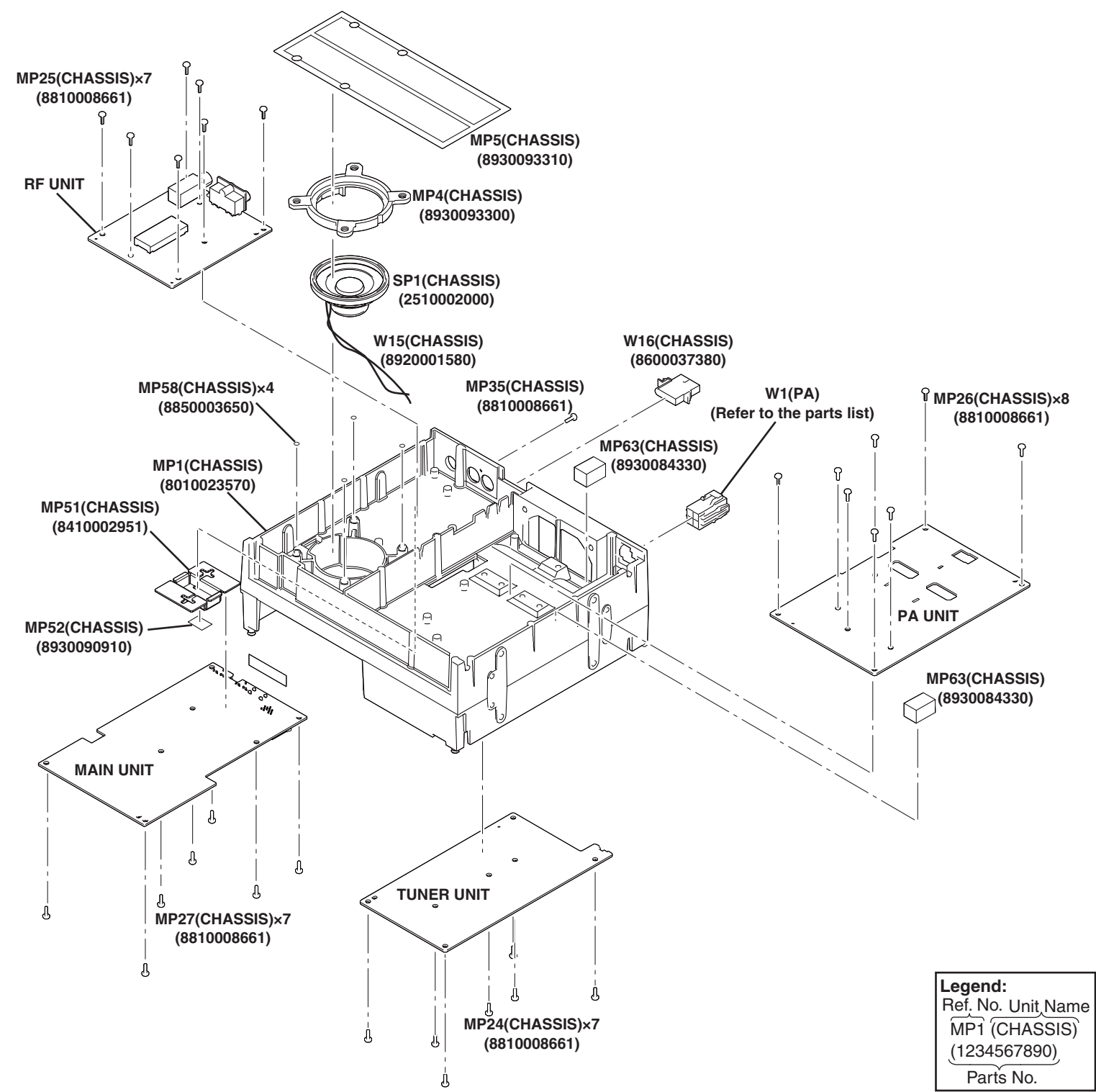
-  : <0.8 (N·m)>
-  : <0.7 (N·m)>
-  : <0.6 (N·m)>
-  : <0.5 (N·m)>
-  : <0.4 (N·m)>
-  : <0.3 (N·m)>
-  : <0.2 (N·m)>
-  : <0.1 (N·m)>

Legend:

| Ref. No.     | Unit Name |
|--------------|-----------|
| MP1          | (CHASSIS) |
| (1234567890) | Parts No. |

- FRONT UNIT

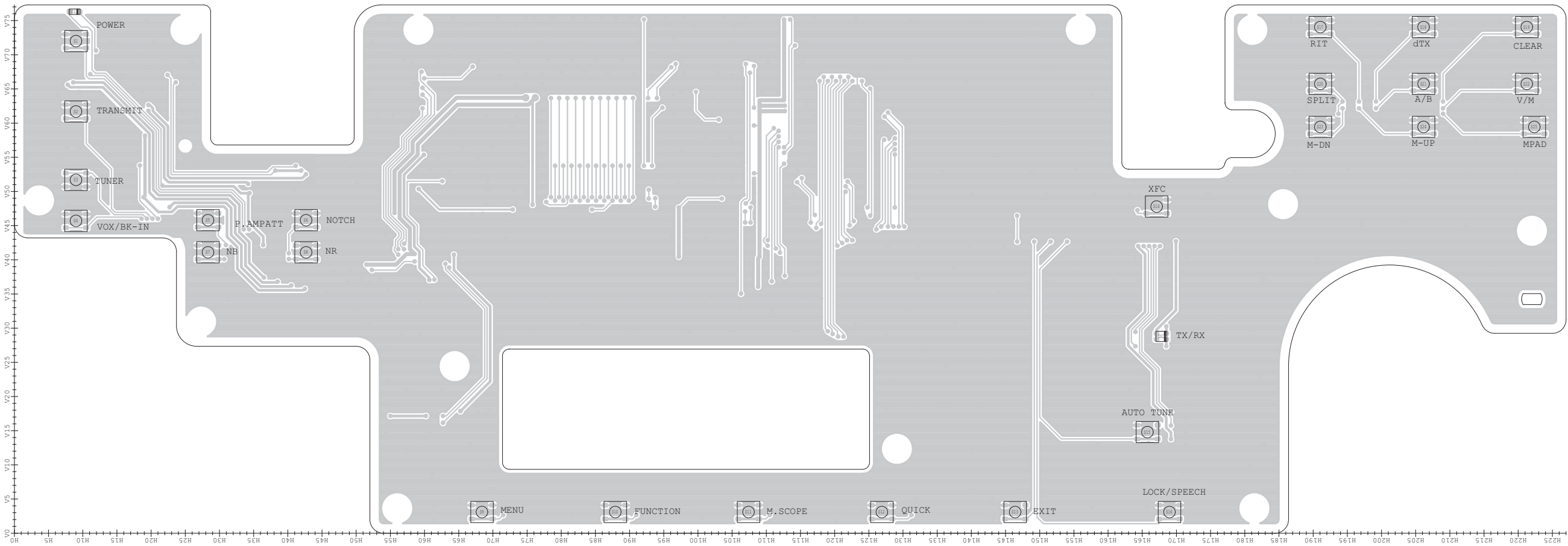




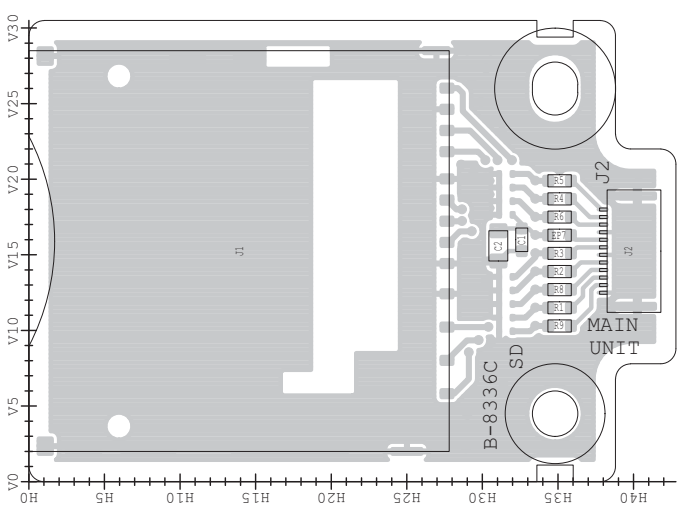


The actual configuration of the PC board can be seen by viewing the top and bottom BOARD LAYOUT pages together.

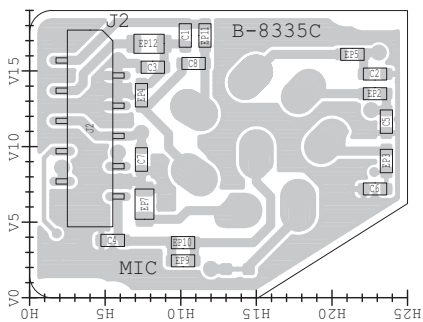
• DISPLAY UNIT B-8330C  
(TOP VIEW)



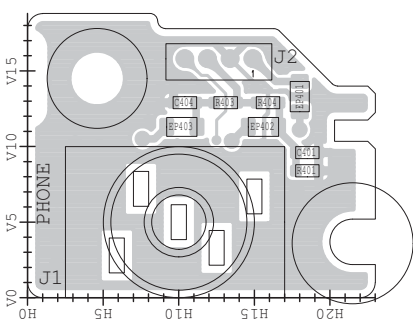
• SD UNIT B-8336C  
(TOP VIEW)



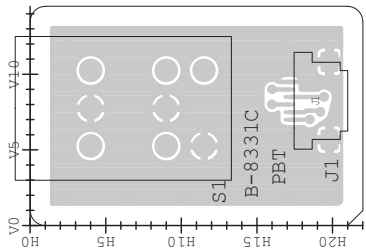
• MIC UNIT B-8335C  
(TOP VIEW)



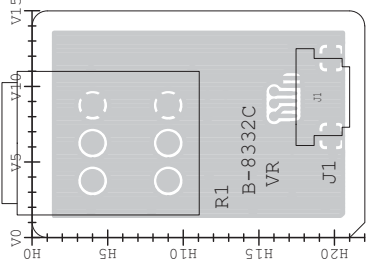
• PHONE UNIT B-8334B  
(TOP VIEW)



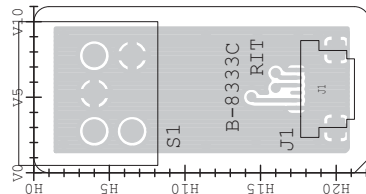
• PBT UNIT B-8331C  
(TOP VIEW)



• VR UNIT B-8332C  
(TOP VIEW)

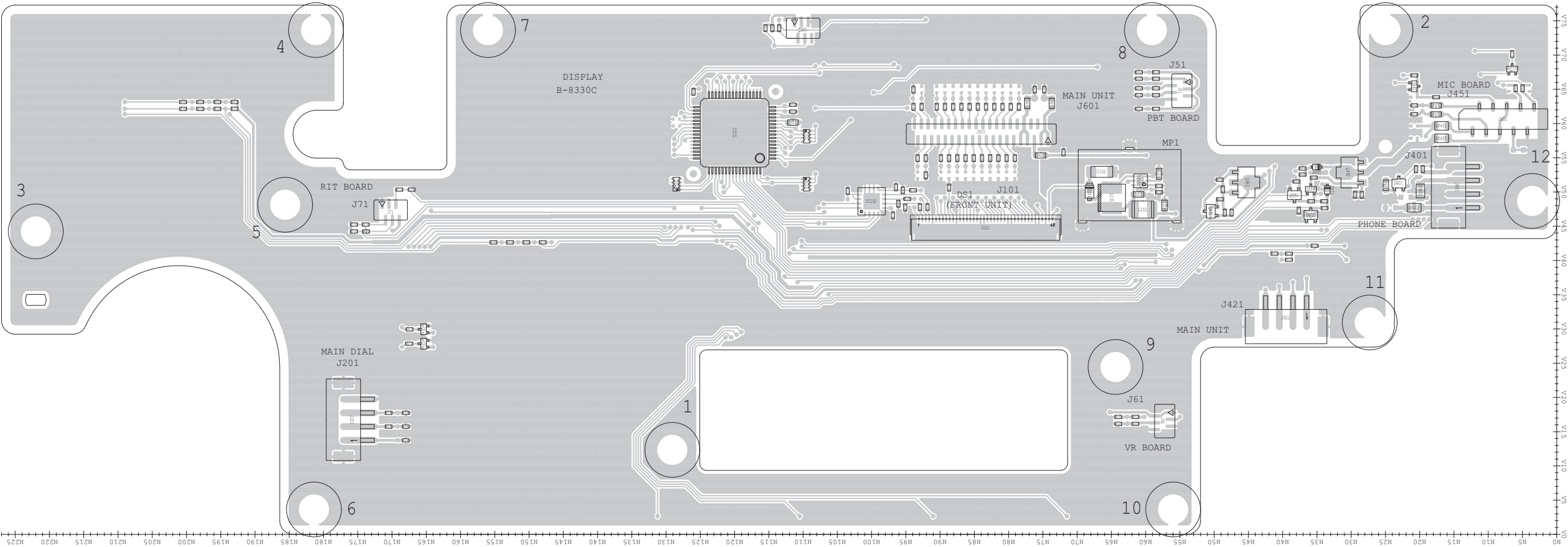


• RIT UNIT B-8333C  
(TOP VIEW)

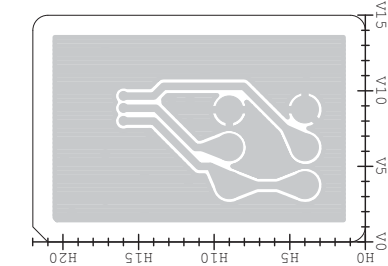


The actual configuration of the PC board can be seen by viewing the top and bottom BOARD LAYOUT pages together.

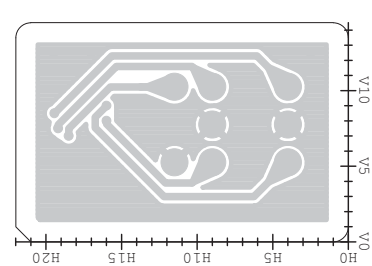
• DISPALY UNIT B-8330C  
(BOTTOM VIEW)



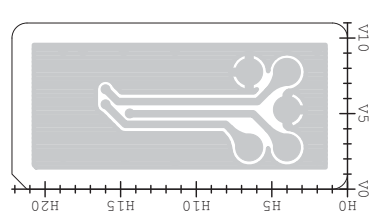
• VR UNIT B-8332C  
(BOTTOM VIEW)



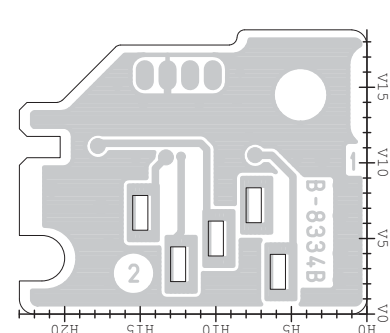
• PBT UNIT B-8331C  
(BOTTOM VIEW)



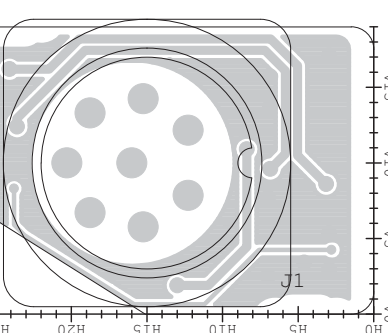
• RIT UNIT B-8333C  
(BOTTOM VIEW)



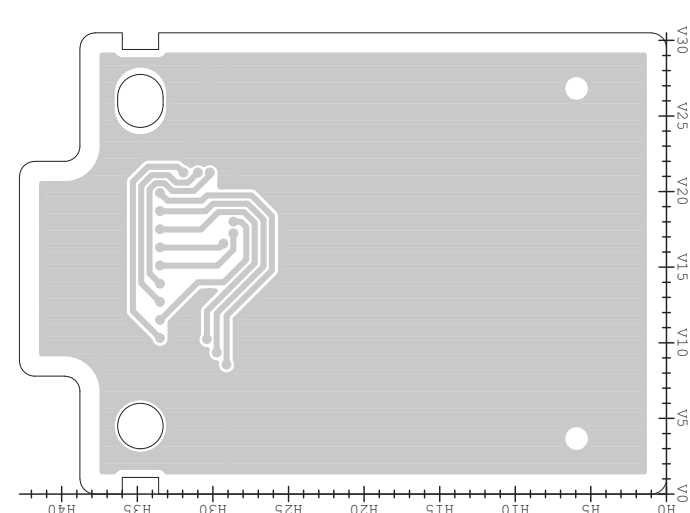
• PHONE UNIT B-8334B  
(BOTTOM VIEW)



• MIC UNIT B-8335C  
(BOTTOM VIEW)

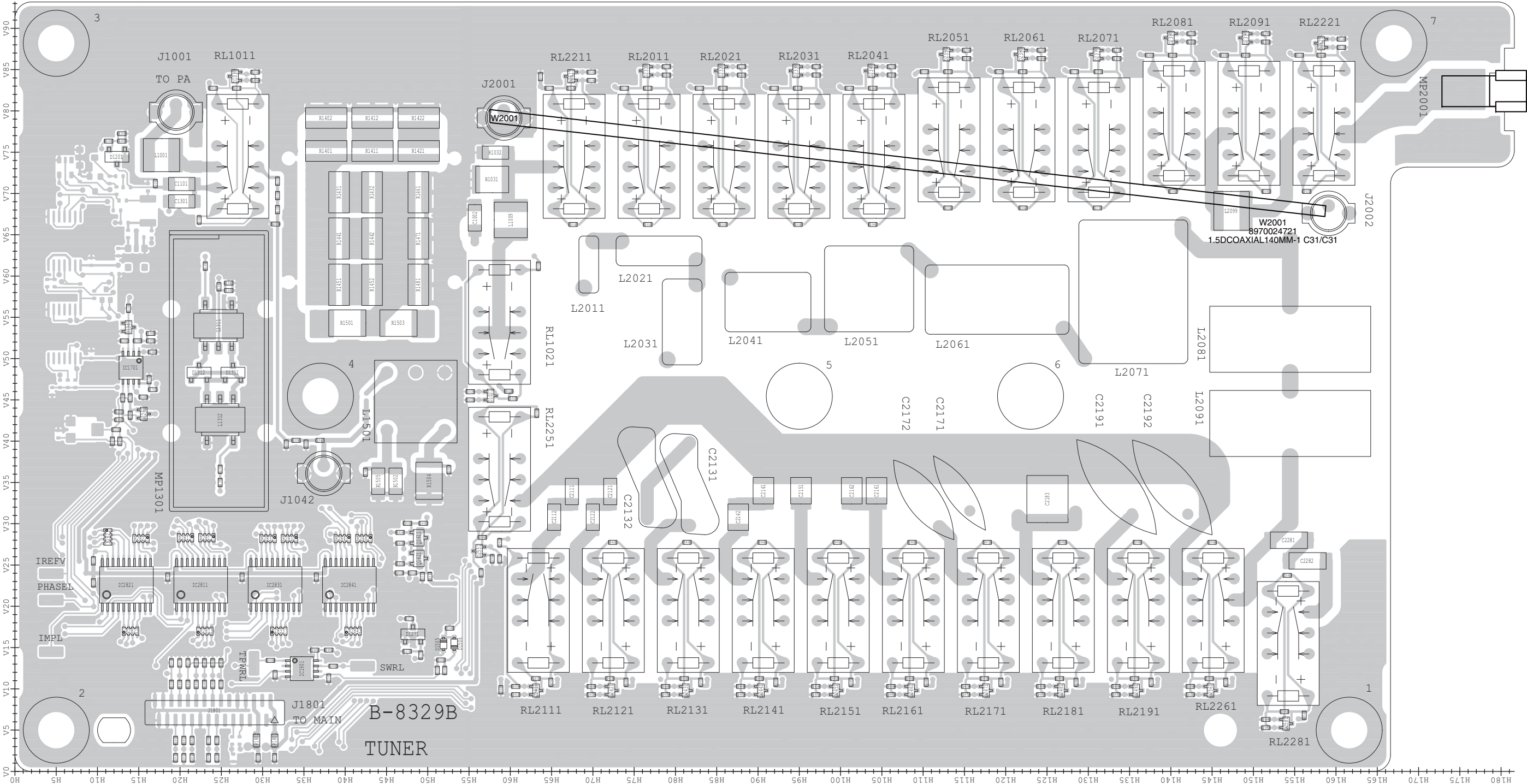


• SD UNIT B-8336C  
(BOTTOM VIEW)



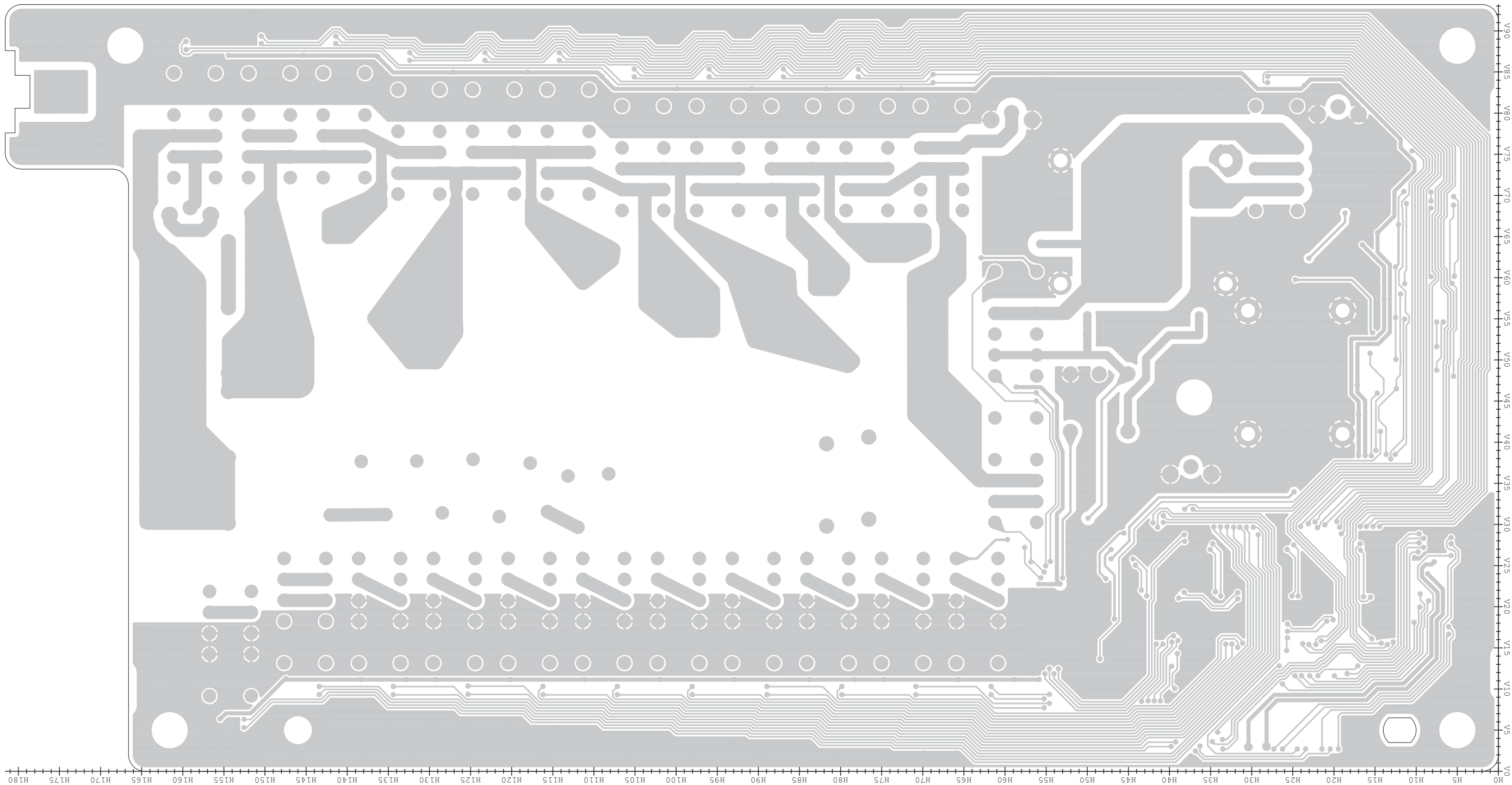
The actual configuration of the PC board can be seen by viewing the top and bottom BOARD LAYOUT pages together.

• **TUNER UNIT B-8329B**  
**(TOP VIEW)**



The actual configuration of the PC board can be seen by viewing the top and bottom BOARD LAYOUT pages together.

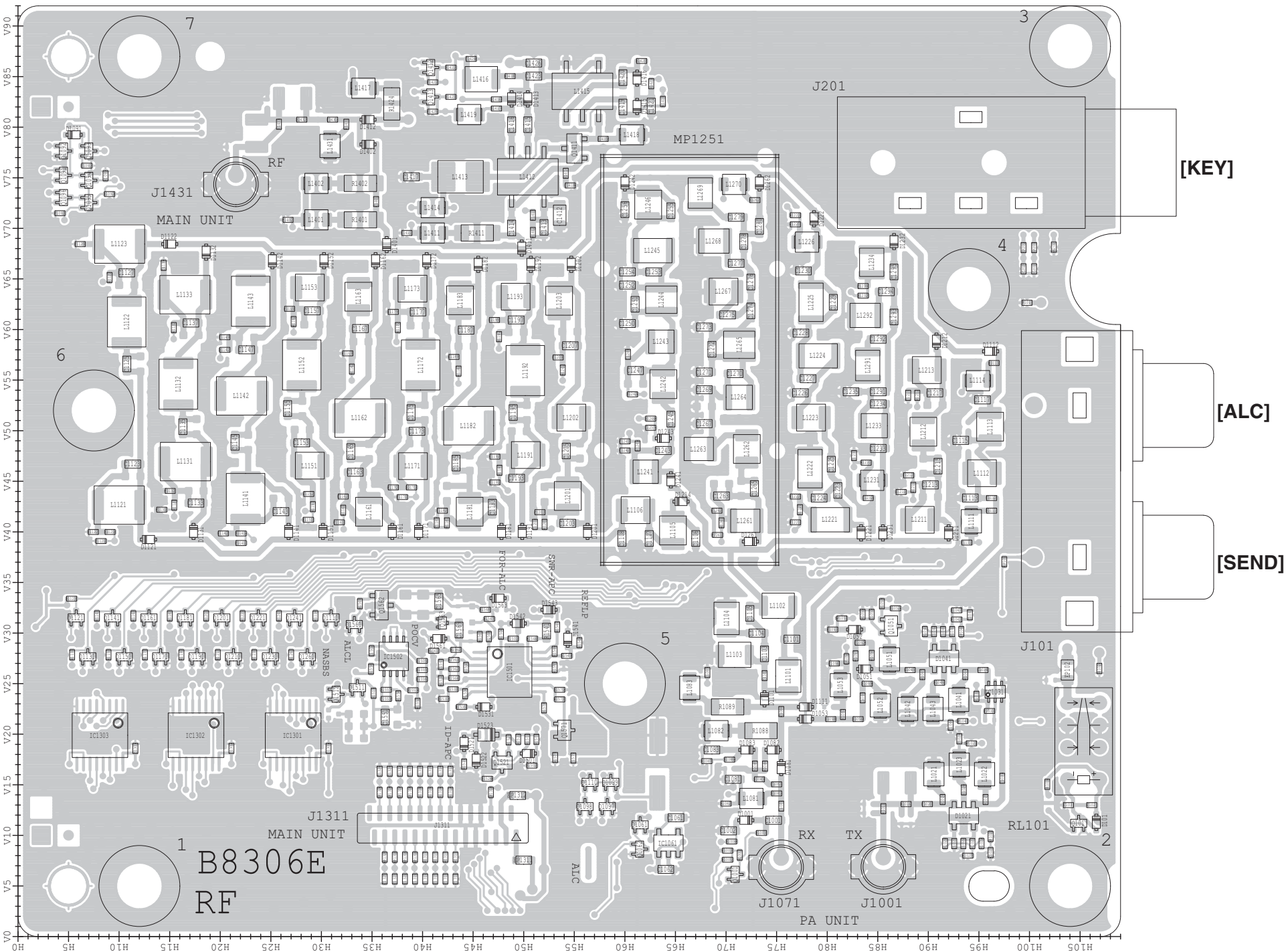
• TUNER UNIT B-8329B  
(BOTTOM VIEW)





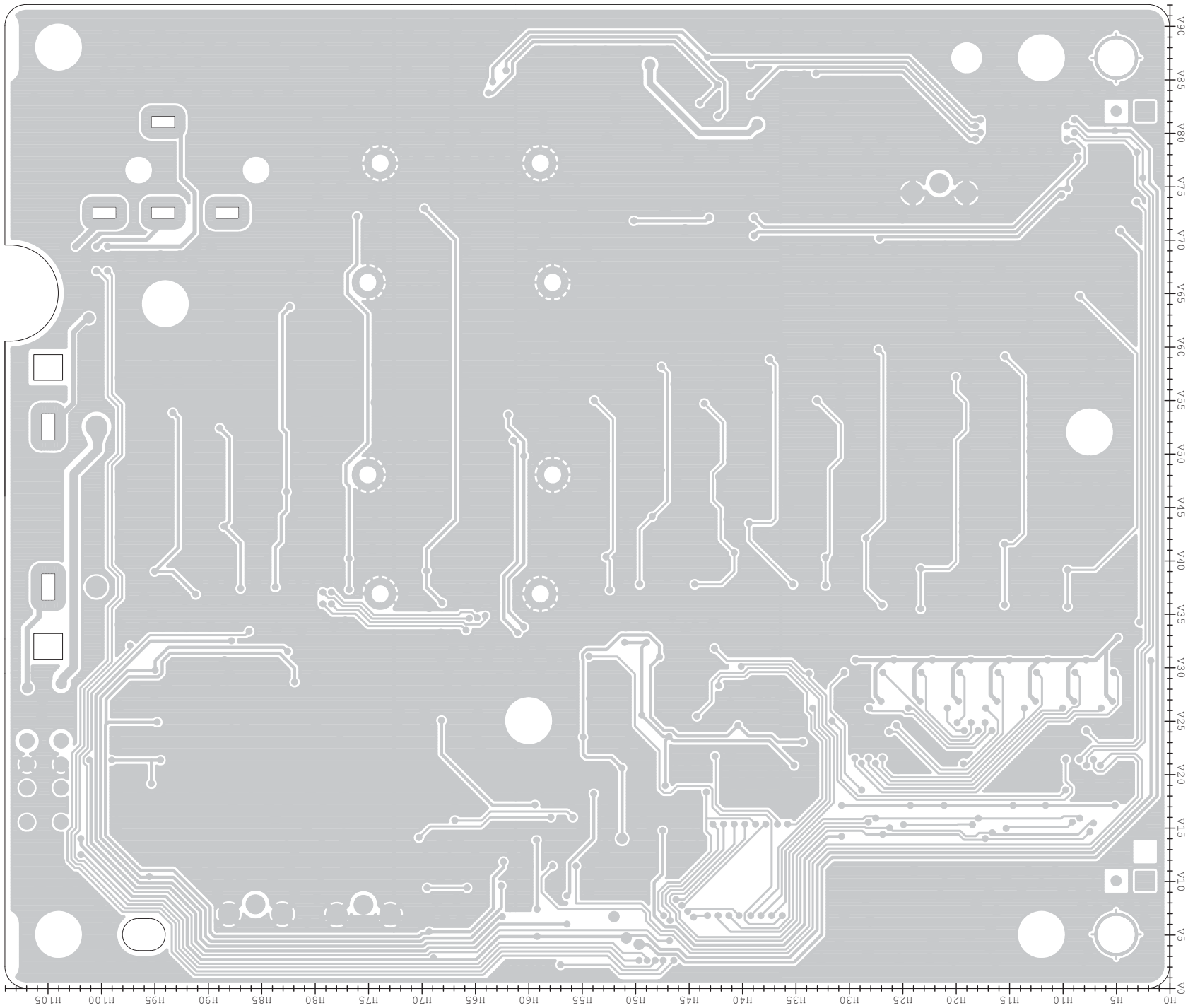
The actual configuration of the PC board can be seen by viewing the top and bottom BOARD LAYOUT pages together.

• RF UNIT B-8306E  
(TOP VIEW)

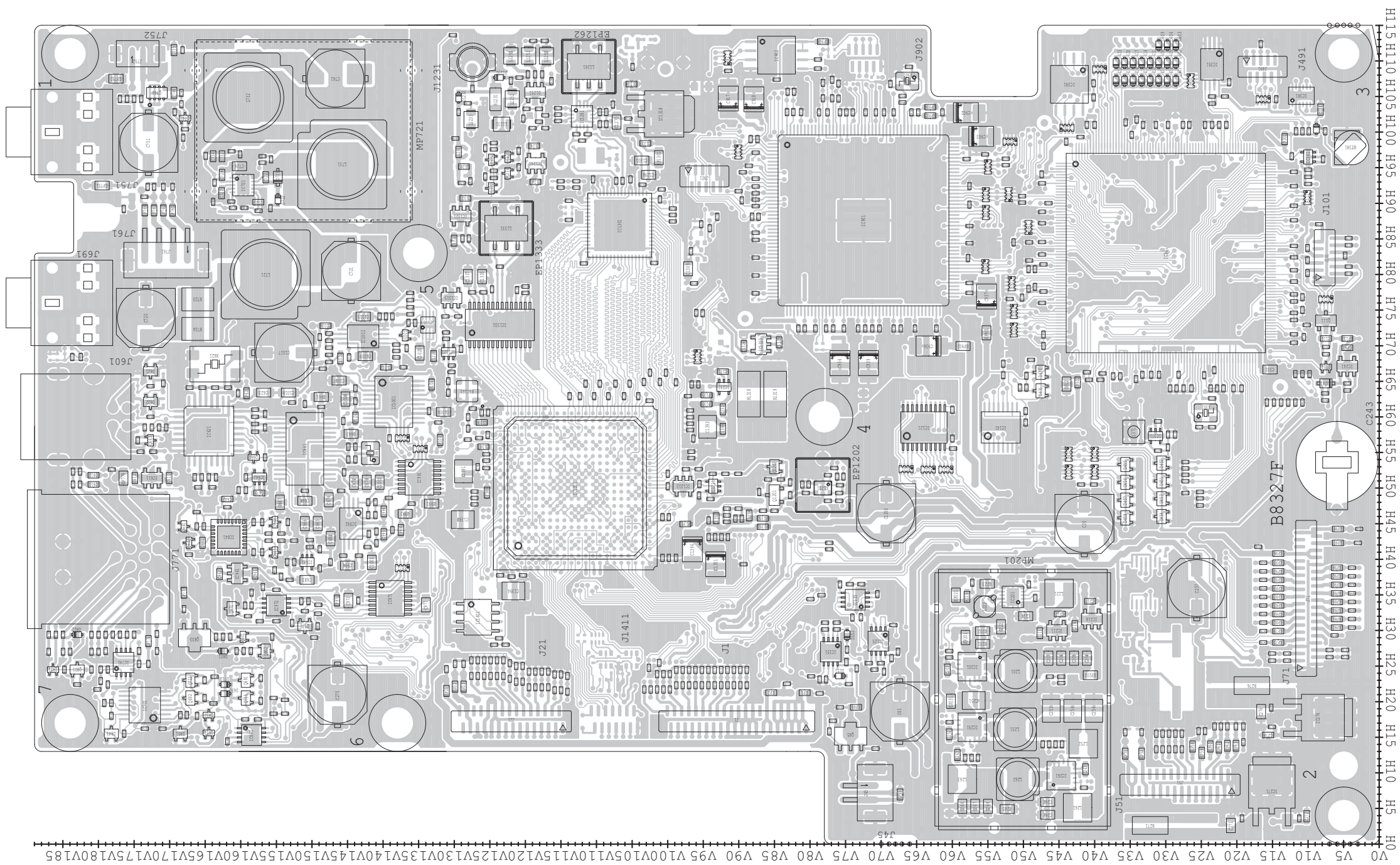


The actual configuration of the PC board can be seen by viewing the top and bottom BOARD LAYOUT pages together.

• RF UNIT B-8306E  
(BOTTOM VIEW)

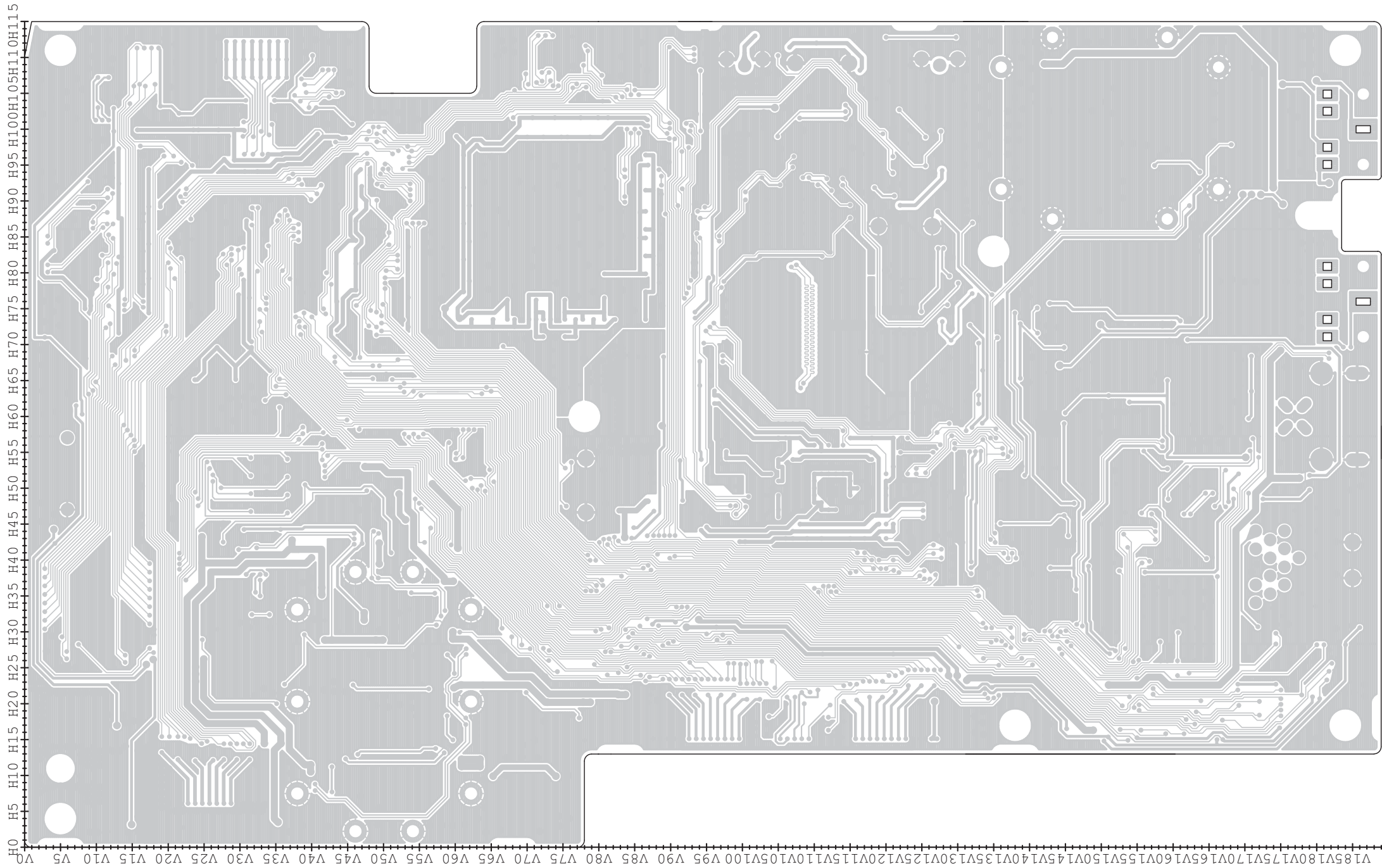


• MAIN UNIT B-8327F  
(TOP VIEW)





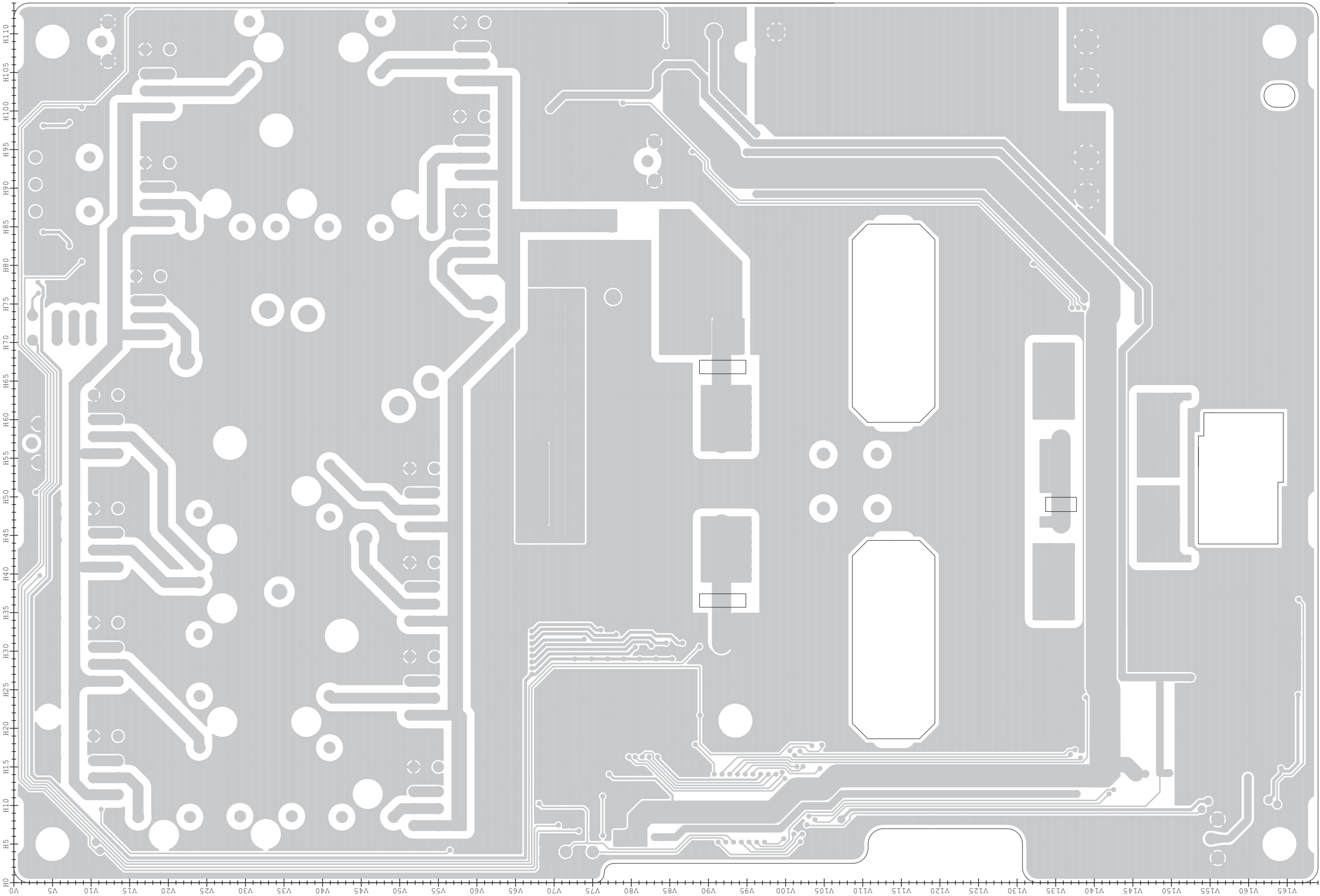
• MAIN UNIT B-8327F  
(BOTTOM VIEW)

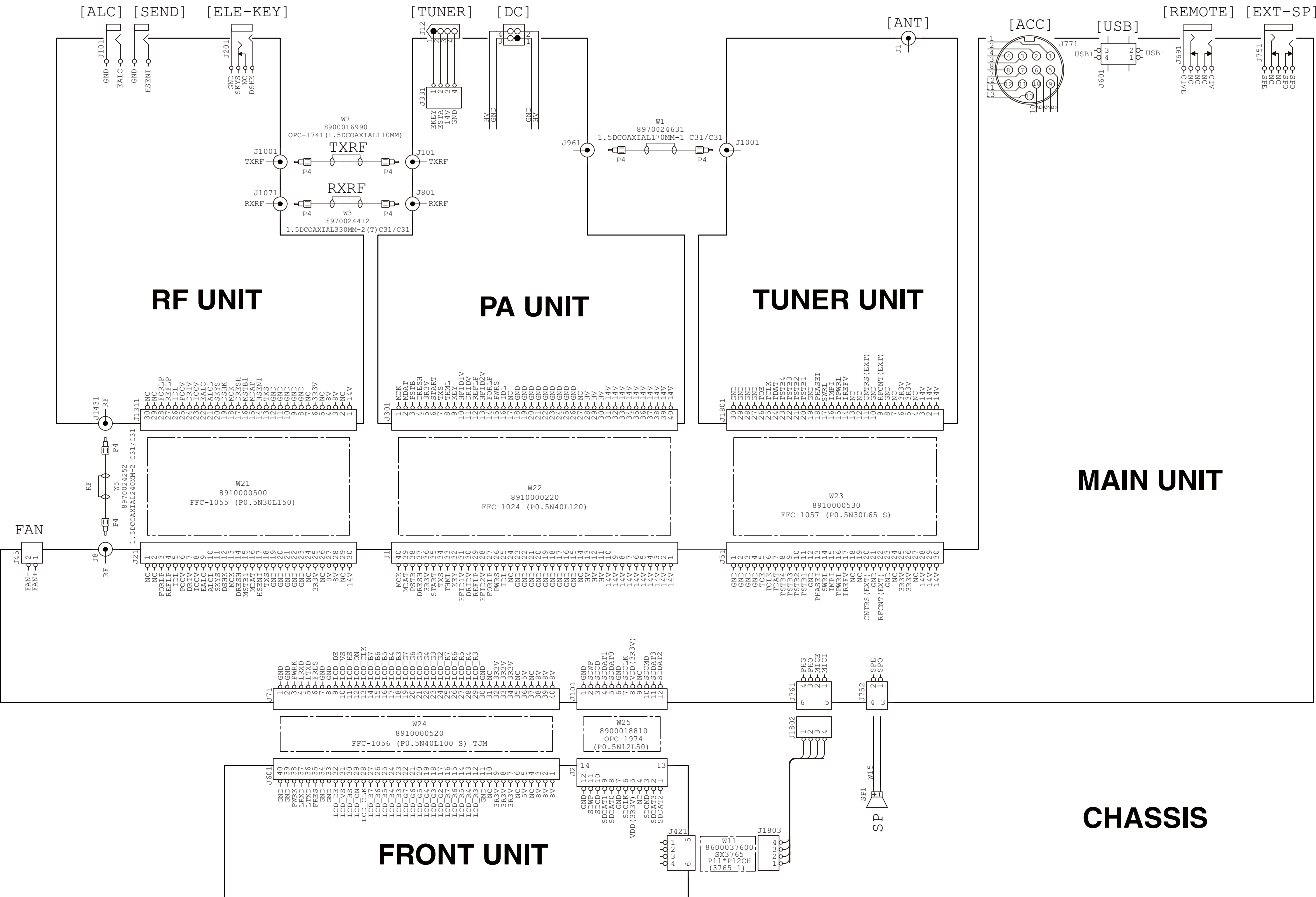


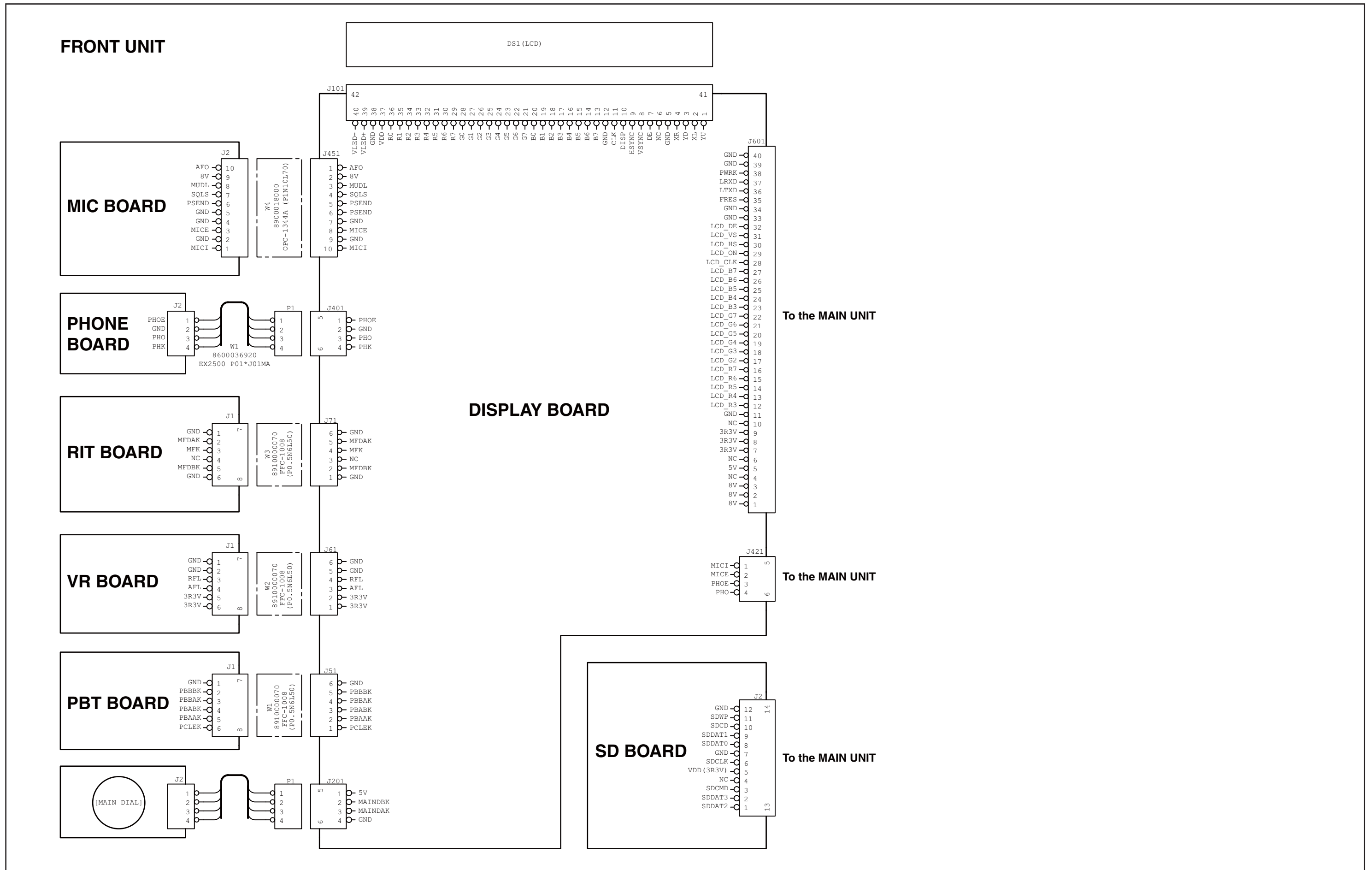


[illegible]

• PA UNIT B-8328B  
(BOTTOM VIEW)



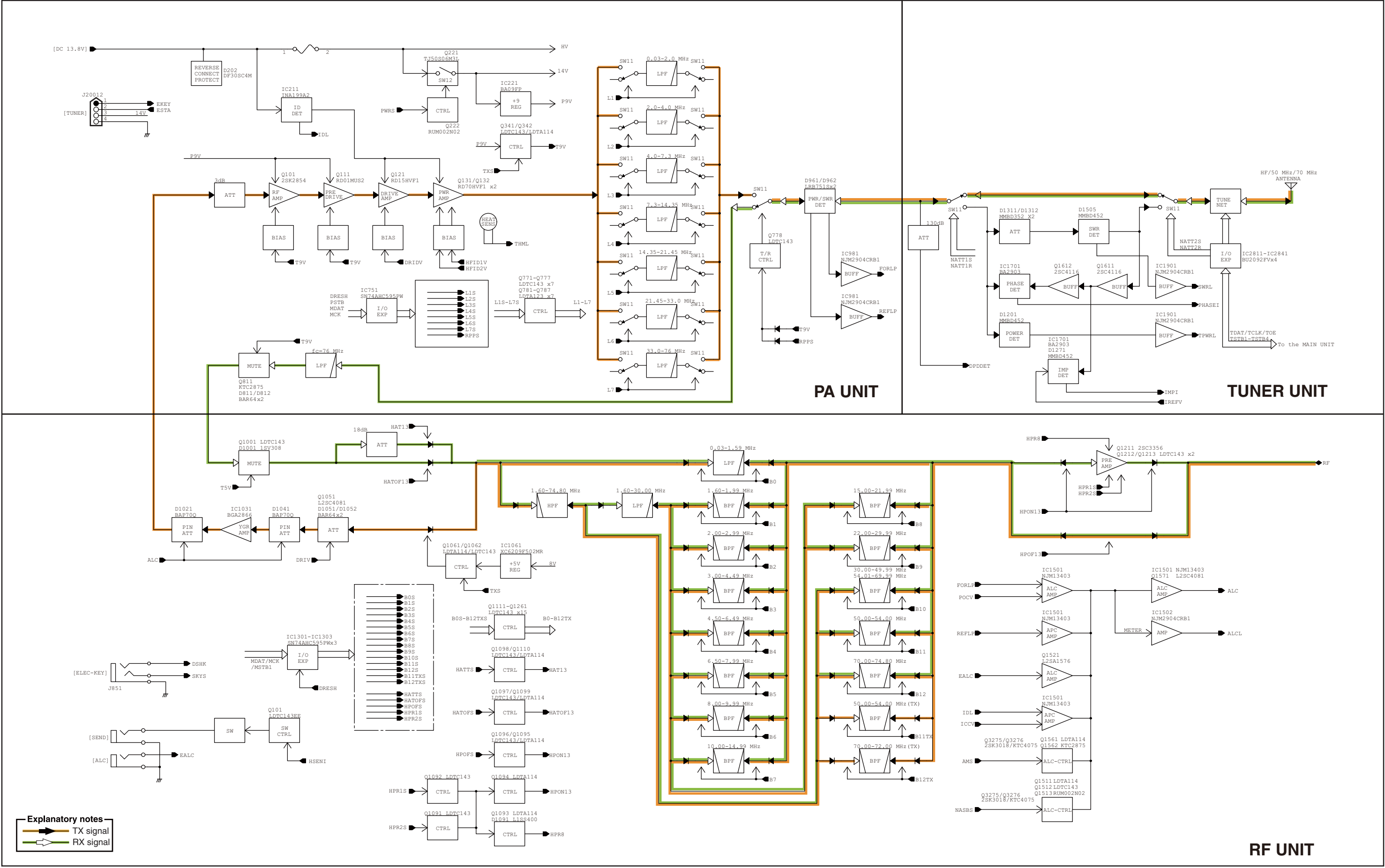


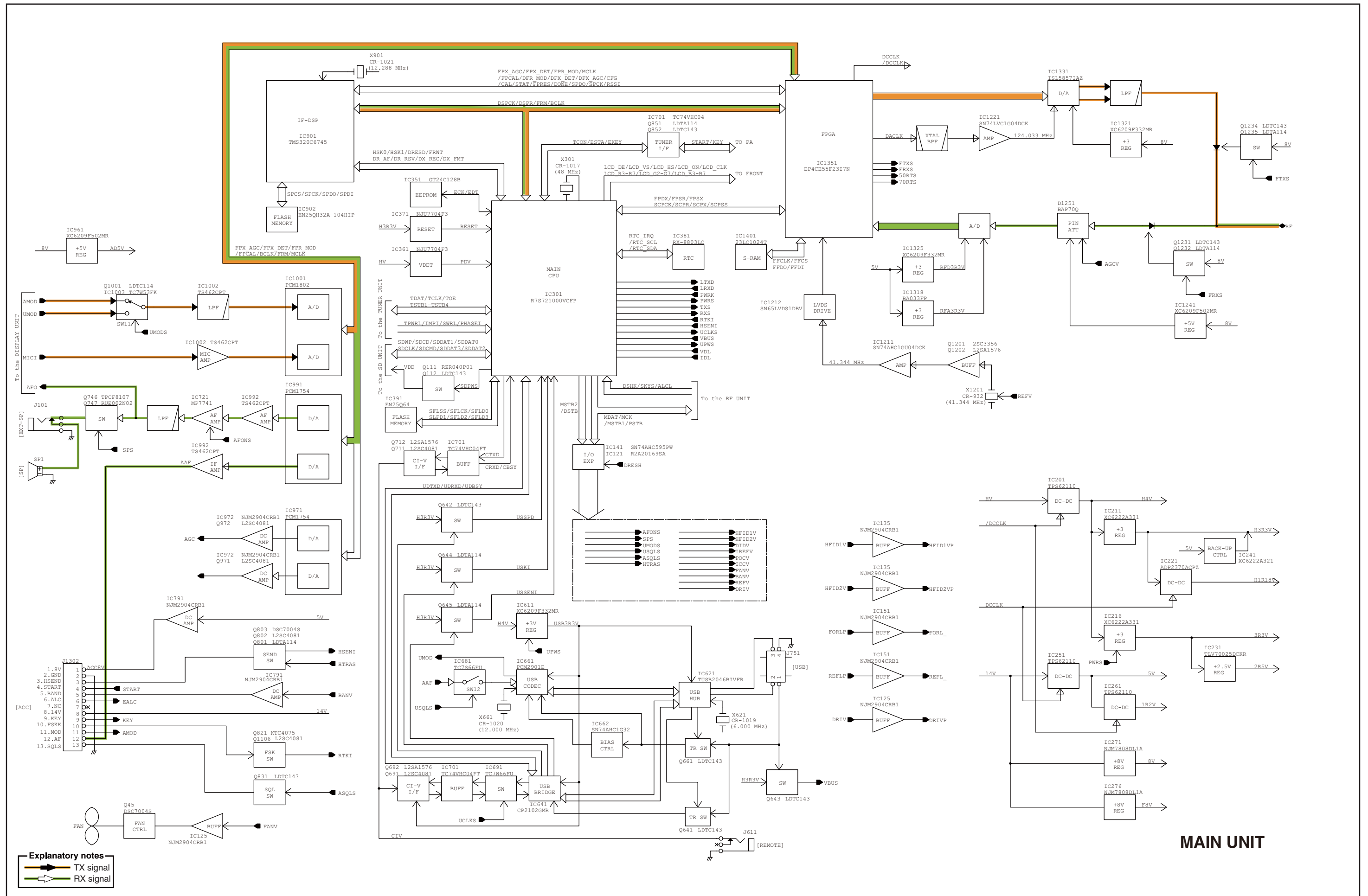




## SECTION 9 BLOCK DIAGRAM

## SECTION 9 BLOCK DIAGRAM







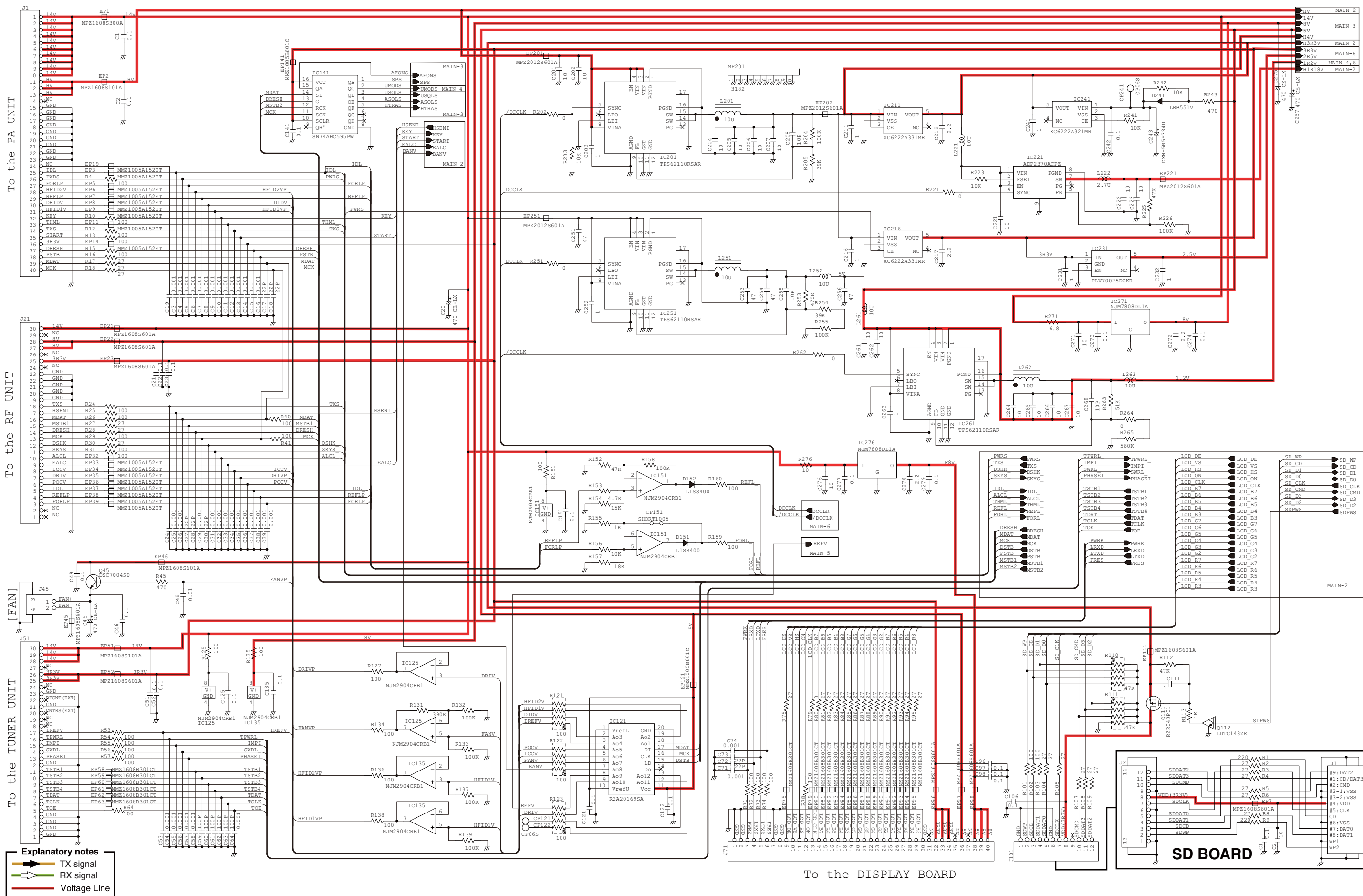
## SCHEMATIC DIAGRAM

**Explanatory notes**

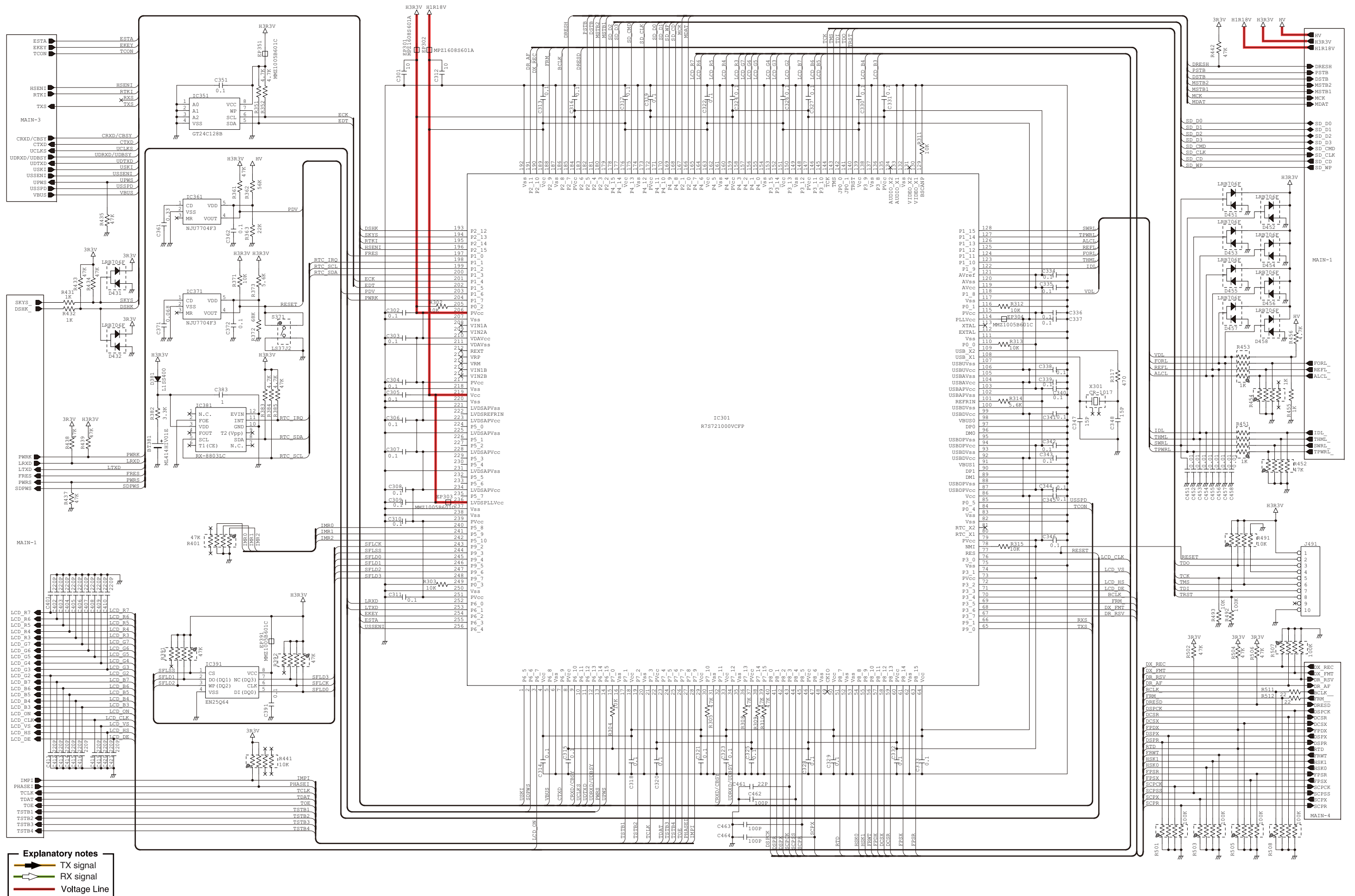
- TX signal
- RX signal
- Voltage Line



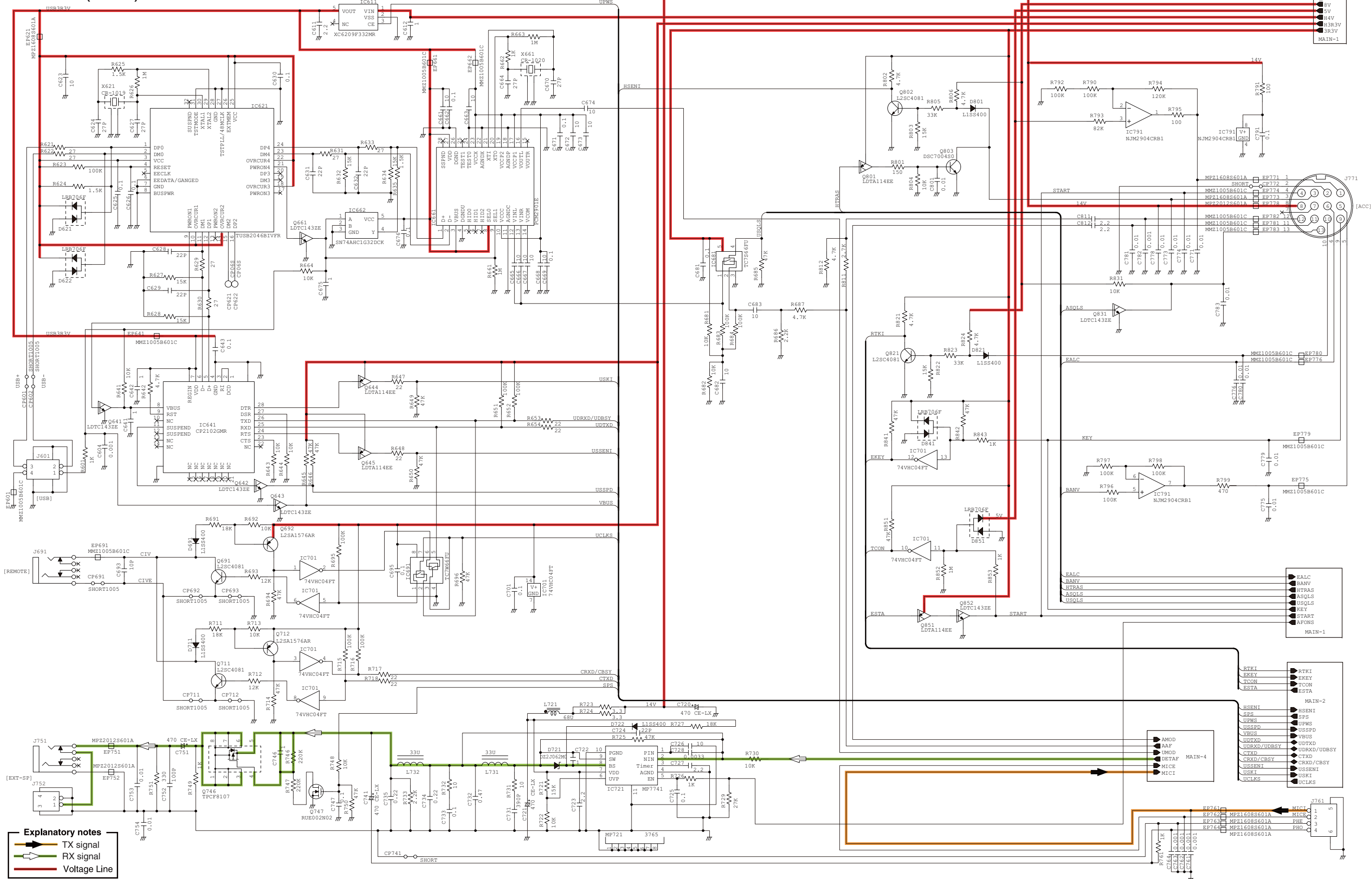
- **MAIN UNIT (MAIN-1)**



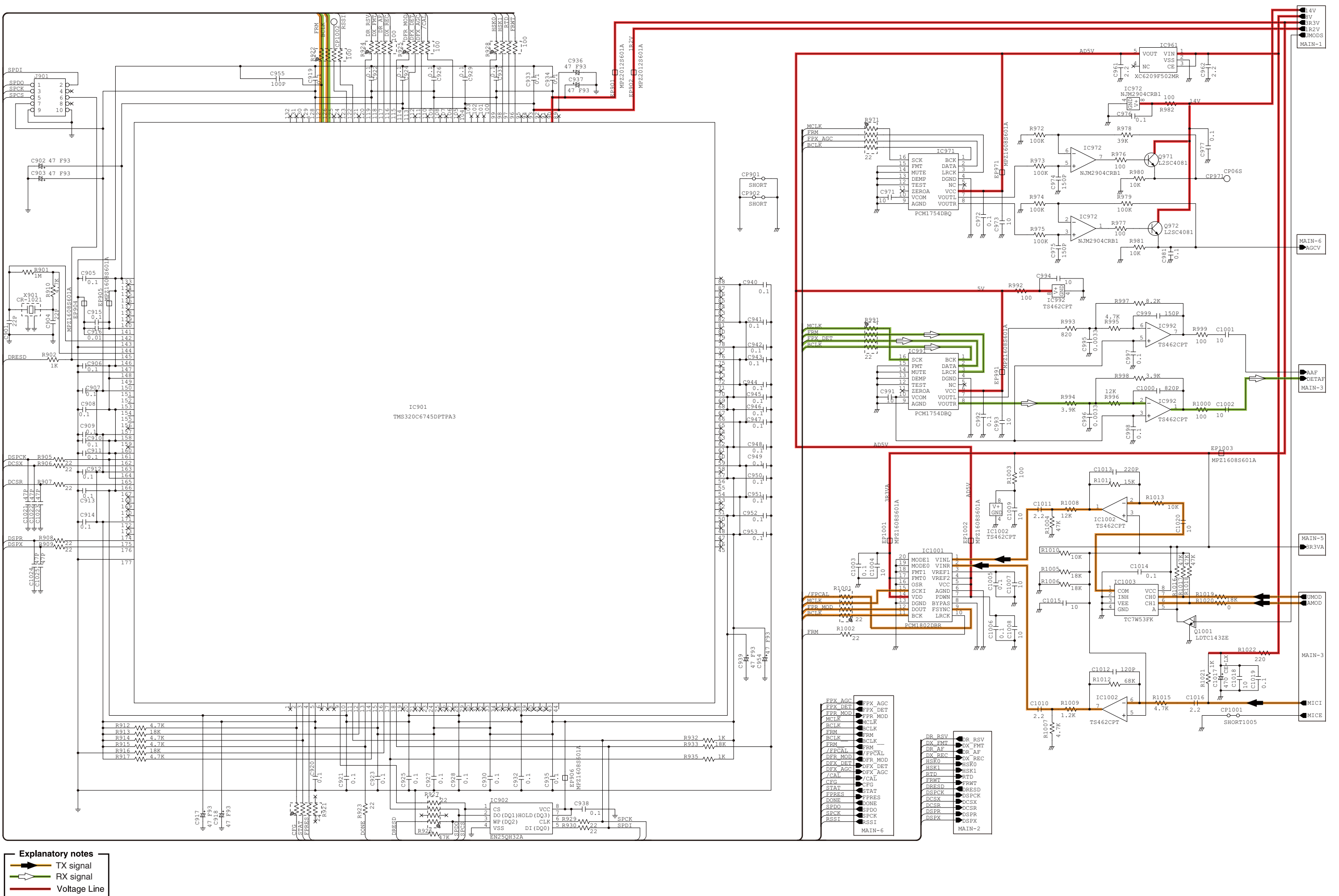
- **MAIN UNIT (MAIN-2)**



- **MAIN UNIT (MAIN-3)**

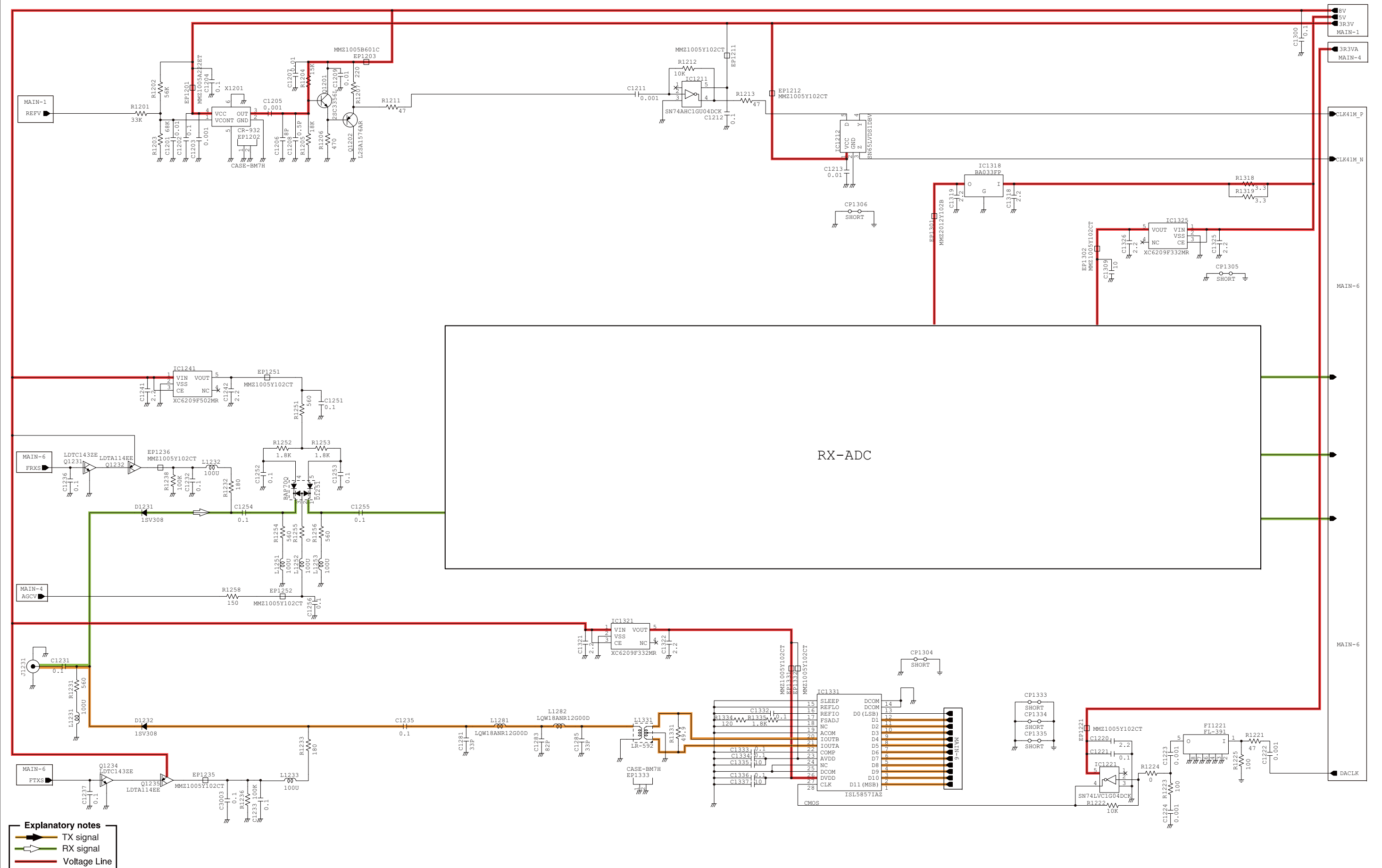


• MAIN UNIT (MAIN-4)

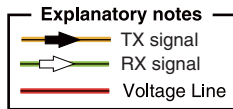




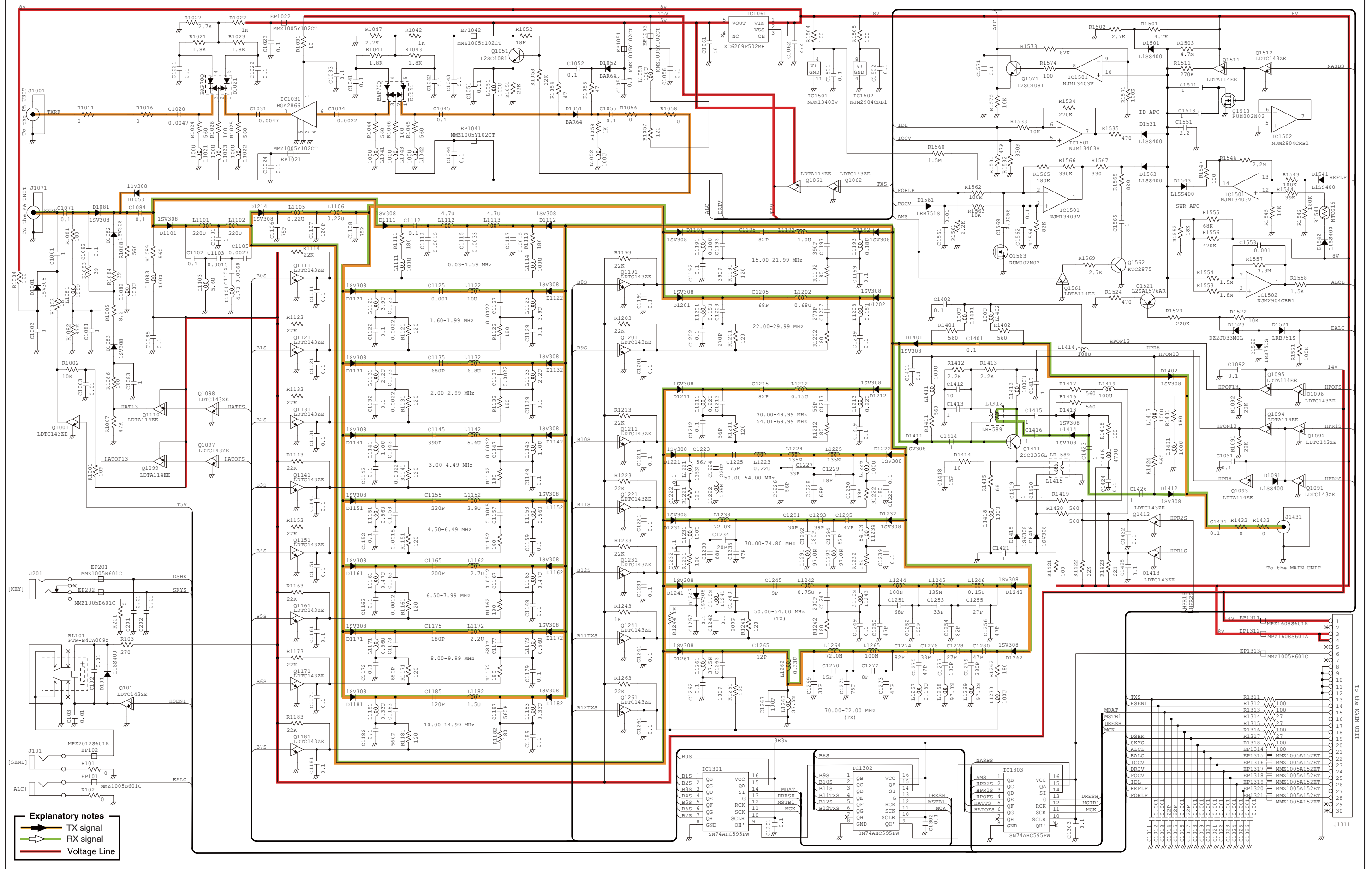
- MAIN UNIT (MAIN-5)



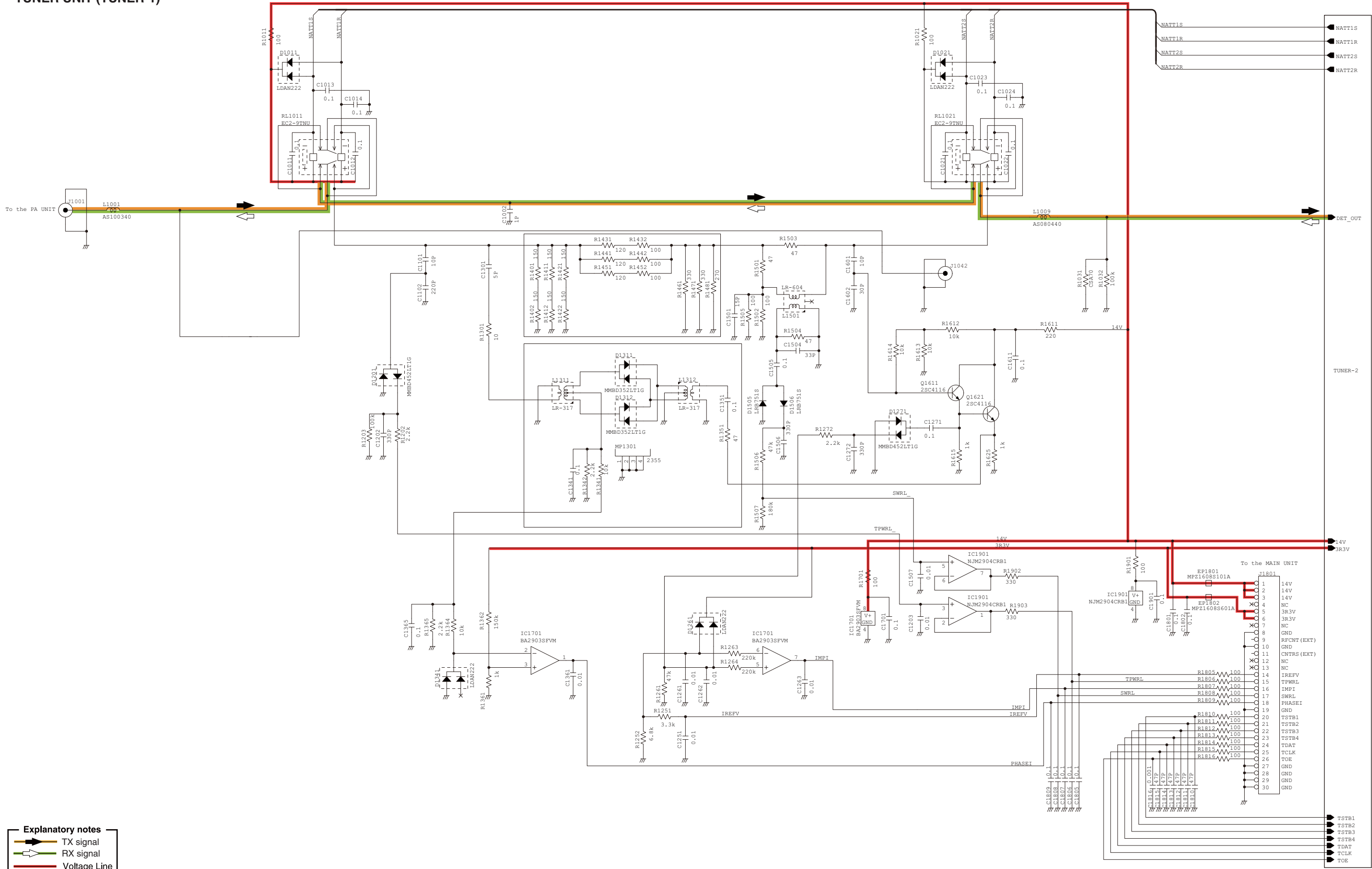
• MAIN UNIT (MAIN-6)



- RF UNIT



•TUNER UNIT (TUNER-1)



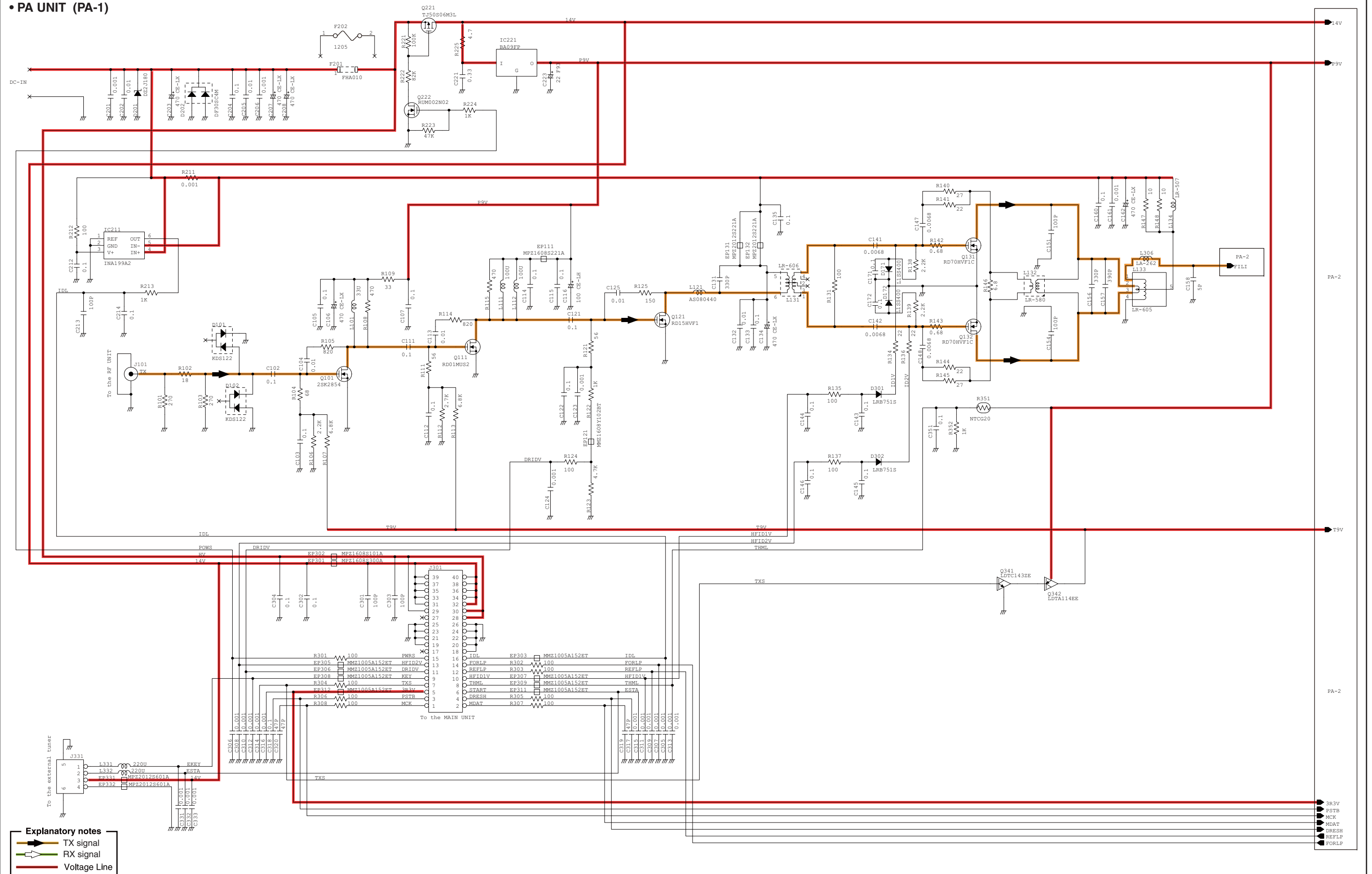
Explanatory notes

- TX signal
- RX signal
- Voltage Line

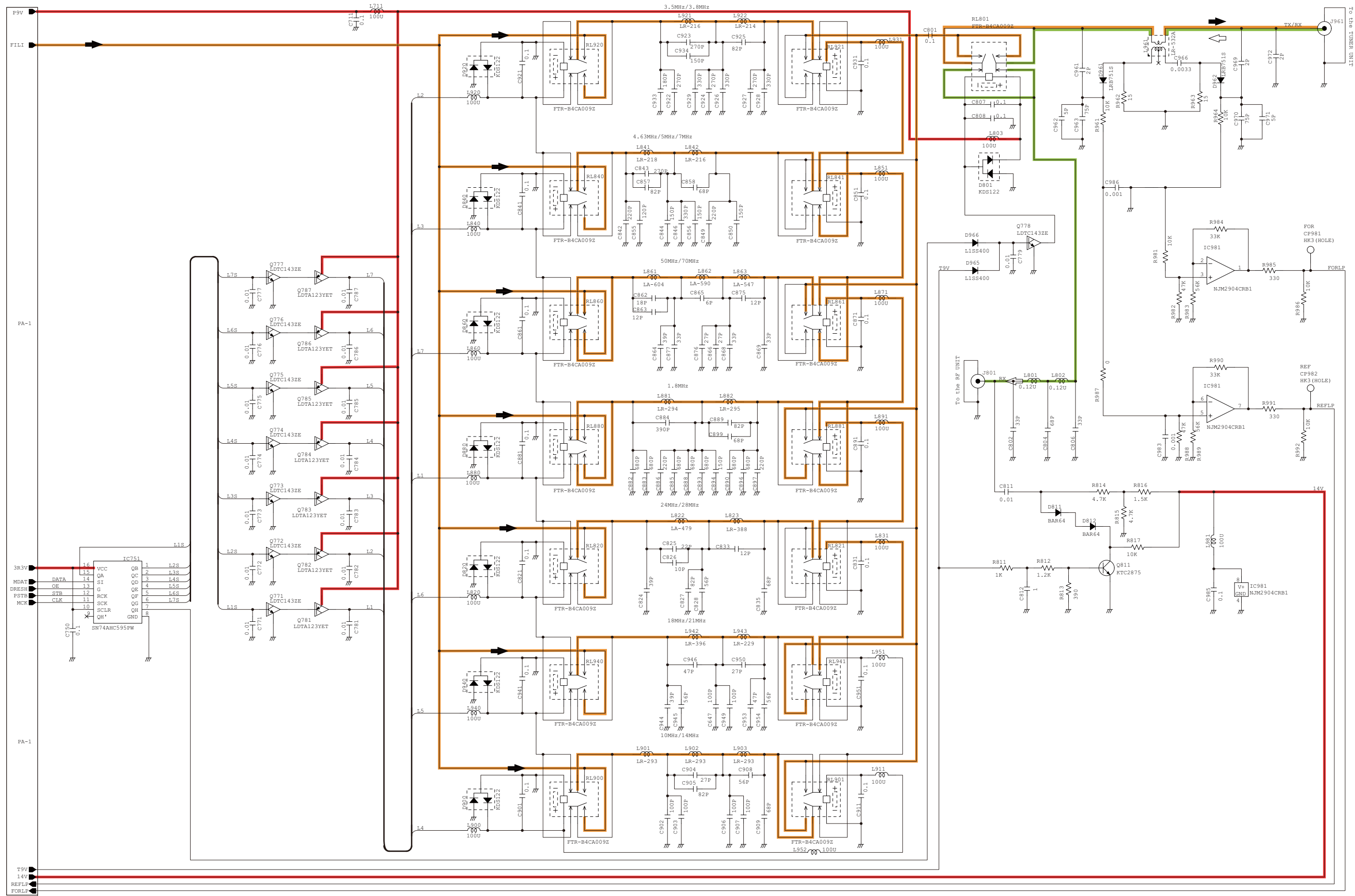




- PA UNIT (PA-1)



• PA UNIT (PA-2)



**Explanatory notes**

- TX signal
- RX signal
- Voltage Line

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Count on us!