ICOM

SERVICE MANUAL

UHF TRANSCEIVERS

IC-F4101D
IC-F4102D
IC-F4103D
IC-F4106D

S-14801XZ-C1
Apr. 2011

Icom Inc.

INTRODUCTION

This service manual describes the latest technical information for the **IC-F4101D**, **IC-F4102D**, **IC-F4103D** and **IC-F4106D** UHF TRANSCEIVERS, at the time of publication.

MODEL	VERSION	FREQUENCY RANGE (MHz)	CHANNEL SPACING (kHz)
IC-F4101D	USA-01	400–470	6.25/12.5
IC-F4102D	EUR-01		6.25/12.5/20.0/25.0
	UK-01		6.25/12.5/25.0
IC-F4103D	EXP-01		
	EXP-02		
	EXP-03		
	EXP-07	350–400	
	EXP-08		
	AUS-01	400–470	
IC-F4106D	RUS-01		

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

CAUTION

NEVER connect the transceiver to an AC outlet or 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 any liquids.

DO NOT reverse the polarities of the power supply when connecting the transceiver.

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>

1110003491	S.IC	TA31136FNG	IC-F4101D	MAIN UNIT	5 pieces
8820001210	Screw	2438 screw	IC-F4101D	Top cover	10 pieces

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. **DO NOT** transmit power into a Standard Signal Generator or a Sweep Generator.
7. **ALWAYS** connect a 30 dB to 40 dB attenuator between the transceiver and a Deviation Meter or Spectrum Analyzer, when using such test equipment.
8. **READ** the instructions of the test equipment throughly before connecting it to the transceiver.

TABLE OF CONTENTS

SECTION 1 SPECIFICATIONS

■ GENERAL

• Frequency range	: 400–470 MHz	[USA-01], [EUR-01], [UK-01], [EXP-01], [EXP-02], [EXP-03], [AUS-01], [RUS-01]	
	350–400 MHz	[EXP-07], [EXP-08]	
• Number of conventional channels	: 16		
• Type of emission	: Wide	16K0F3E (30.0 kHz)	Except [USA], [EUR], [UK]
		16K0F3E (25.0 KHz)	Except [USA]
	Middle	14K0F3E (20.0 kHz)	[EUR], [UK] only
	Narrow	11K0F3E (15.0 kHz)	Except [EUR], [UK]
		8K50F3E (12.5 kHz)	
	Digital	4K00F1E, D (6.25 kHz)	
• Antenna impedance	: 50 Ω (nominal)		
• Operating temperature range	: –30˚C to +60˚C; –22˚F to +140˚F		Except [EUR], [UK]
	–25˚C to +55˚C		[EUR], [UK]
• Power supply voltage	: Specified Icom's battery packs only (7.5 V DC; negative ground)		
• Current drain (approximately)	: Receiving	100 mA (in digital mode, stand-by)	
		400 mA (max. audio, with the internal speaker)	
	Transmitting	1.3 A (4 W)	
• Dimensions (projections not included)	: 58.0 (W)×111.0 (H)×36.5 (D) mm; 2.3 (W)×4.4 (H)×1.4 (D) in. (with BP-265)		
• Weight (approximately)	: 150 g; 5.3 oz.		
	310 g; 10.9 oz. (including MB-124, BP-265, FA-SC57U)		

■ TRANSMITTER

• Output power	: 4 W		
• Modulation	: Variable reactance frequency modulation		
• Maximum frequency deviation	: Narrow	±2.5 kHz	
	Middle	±4.0 kHz	[EUR], [UK] only
	Wide	±5.0 kHz	Except [USA]
• Frequency stability	: ±1.0 ppm		
• Spurious emissions	: 70 dB min.		Except [EUR], [UK]
	0.25 µW (≤ 1 GHz)		[EUR], [UK]
	1.00 µW (> 1 GHz)		[EUR], [UK]
• Adjacent channel power	: Narrow	60 dB min., 70 dB typ.	
	Middle	70 dB min.,	[EUR], [UK] only
	Wide	70 dB min., 74 dB typ.	Except [USA]
	Digital	60 dB min., 66 dB typ.	
• Audio harmonic distortion	: 1.0% typ. (at AF 1 kHz, 40% deviation)		
• FSK error	: 5% max.		
• FM hum and Noise (Except [EUR], [UK]) (without CCITT Filter)	: Narrow	34 dB min., 44 dB typ.	
	Wide	40 dB min., 50 dB typ.	Except [USA]
• Rasidual modulation ([EUR], [UK] only) (with CCITT Filter)	: Narrow	40 dB min.	
	Middle	43 dB min.	
	Wide	45 dB min.	
• Limitting charact of modulator	: 60–100% of max. deviation		
• Input impedance (MIC)	: 2.2 kΩ		

■ RECEIVER

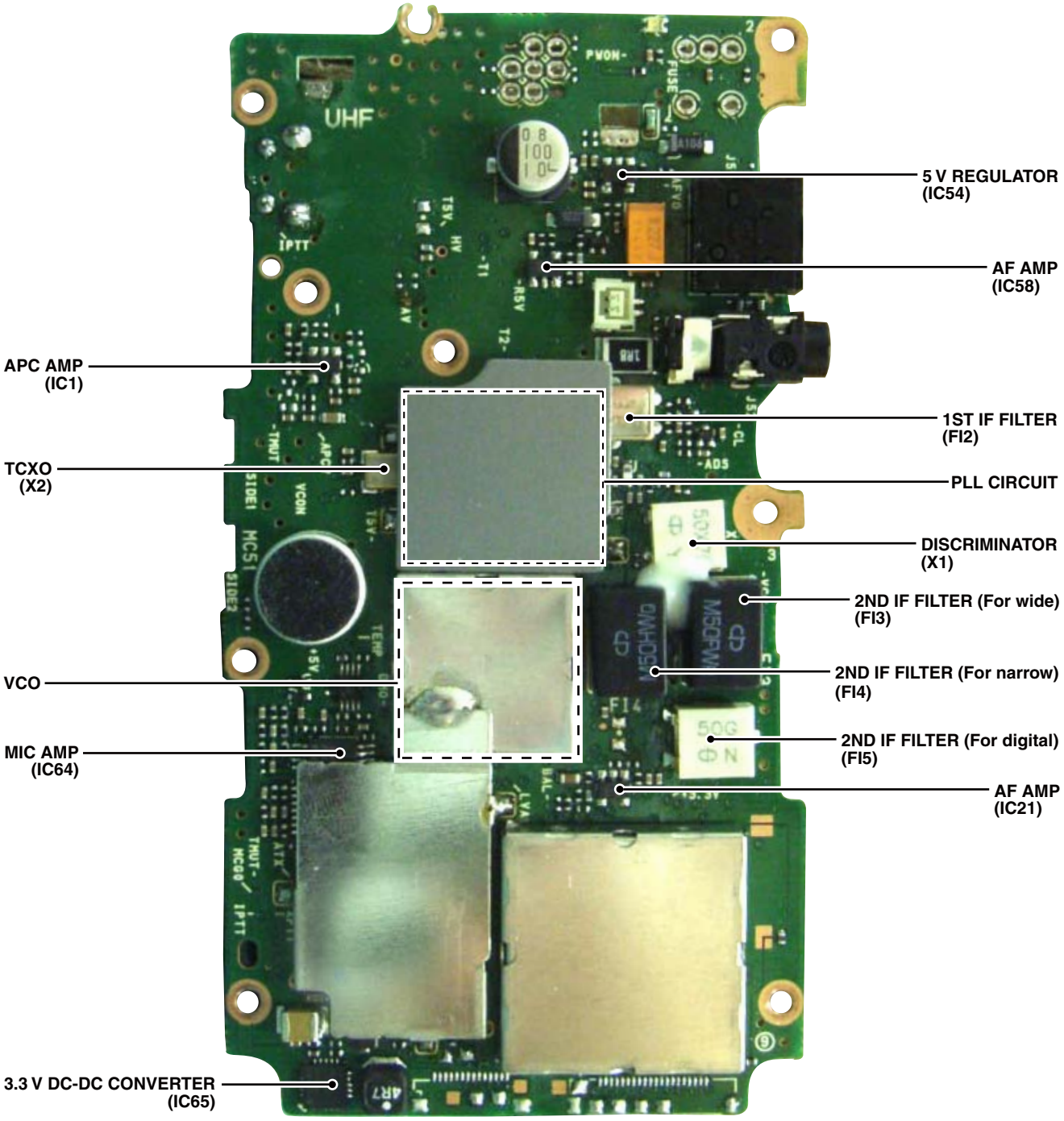
• Sensitivity	: 0.24 µV typ. at 12 dB SINAD		Except [EUR], [UK]
	–4 dBµV (EMF) typ. at 20 dB SINAD		[EUR], [UK]
	–8 dBµV (EMF) typ. at 5% BER		[Digital mode]
• Squelch sensitivity (at threshold)	: 0.20 µV typ.		Except [EUR], [UK]
	–8 dBµV (EMF) typ.		[EUR], [UK]
• Intermediate frequency	: 1st IF; 46.35 MHz, 2nd IF; 450 kHz		
• Adjacent channel selectivity	: Narrow	60 dB min., 67 dB typ.	
	Middle	70 dB min.	[EUR], [UK] only
	Wide	70 dB min., 74 dB typ.	Except [USA]
	Digital	50 dB min., 58 dB typ.	
• Spurious response	: 70 dB min., 80 dB typ.		
• Intermodulation	: Narrow	70 dB min., 75 dB typ.	Except [EUR], [UK]
	Wide	70 dB min., 75 dB typ.	Except [EUR], [UK], [USA]
	Digital	65 dB min., 70 dB typ.	Except [EUR], [UK]
		65 dB min.	[EUR], [UK]
• FM hum and Noise (Except [EUR], [UK]) (without CCITT Filter)	: Narrow	34 dB min., 42 dB typ.	
	Wide	40 dB min., 47 dB typ.	Except [USA]
• FM hum and Noise ([EUR], [UK]) (with CCITT Filter)	: Narrow	40 dB min.	
	Middle	43 dB min.	
	Wide	45 dB min.	
• Audio output power	: 0.8 W typ. at 5% distorsion with a12 Ω load (internal speaker)		
	0.4 W typ. at 5% distorsion With an 8 Ω (external speaker)		
• Audio output impedance	: 8 Ω		

Measurements made in accordance with TIA-603, EN 300 086 or EN 301 166.

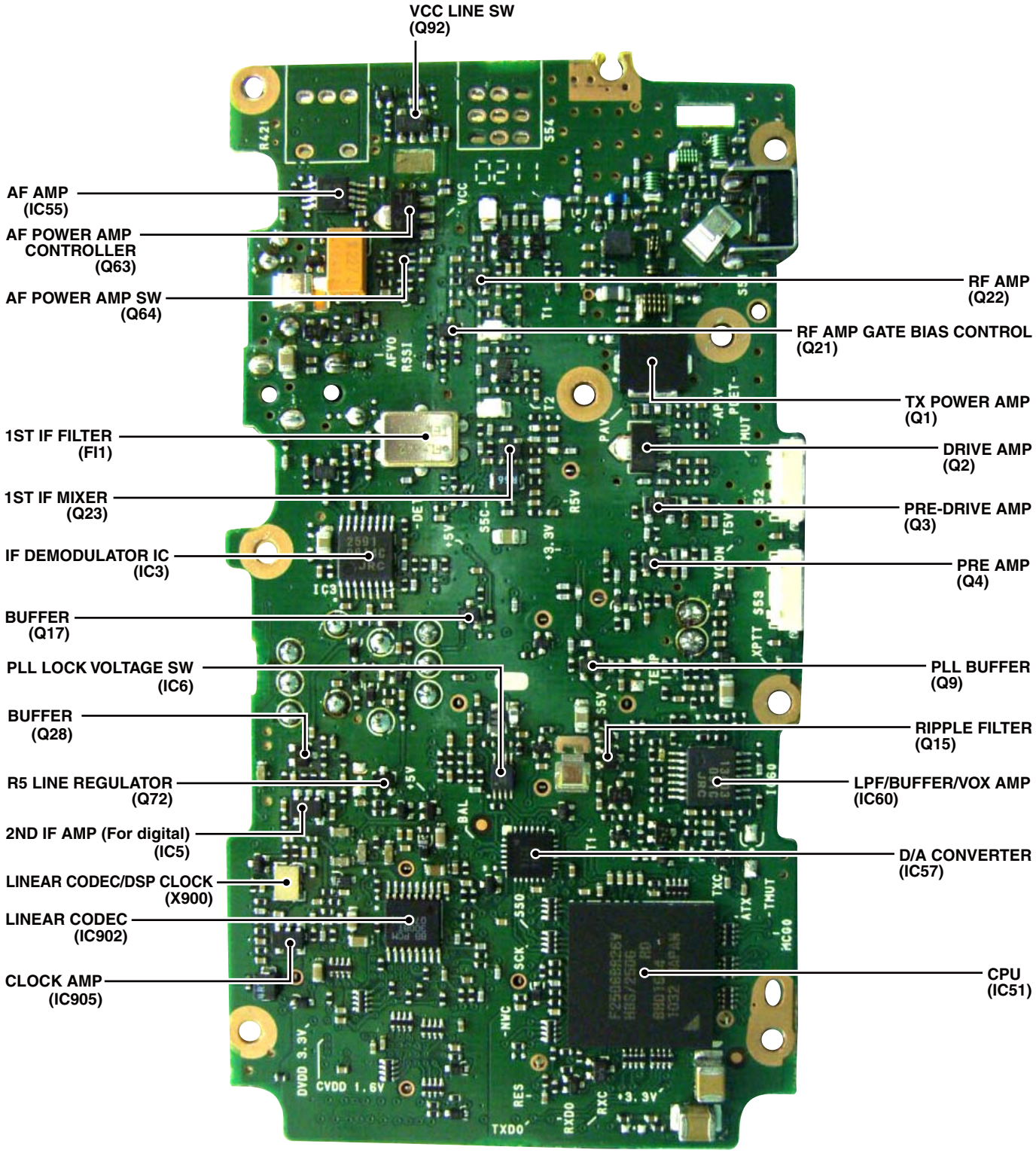
All stated specifications are subject to change without notice or obligation.

SECTION 2 INSIDE VIEWS

• MAIN-A/MAIN-C UNIT
(TOP VIEW)



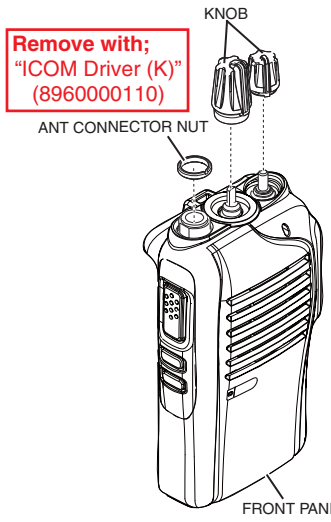
• MAIN-A/MAIN-C UNIT
(BOTTOM VIEW)



SECTION 3 DISASSEMBLY INSTRUCTION

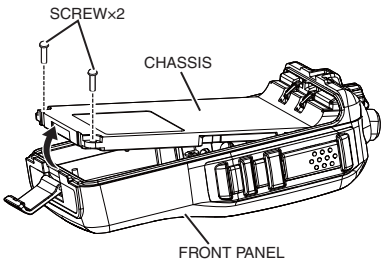
1. REMOVING THE CHASSIS

1) Remove the ANT connector nut and 2 knobs.



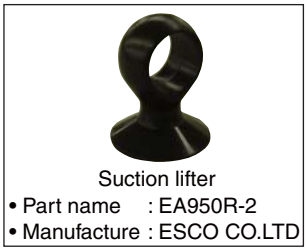
2) Remove 2 screws from the bottom of the CHASSIS.
3) Lift the bottom of the CHASSIS up in the direction of the arrow.

BE CAREFUL to not pull out the **speaker wire** when separating the CHASSIS and the FRONT PANEL.



For easy separation of the CHASSIS

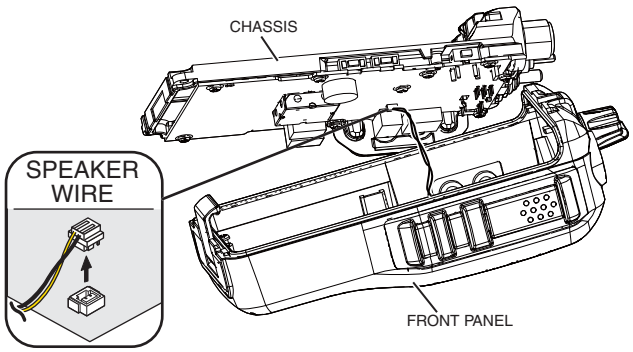
Use a suction lifter to lift the bottom of the CHASSIS up.



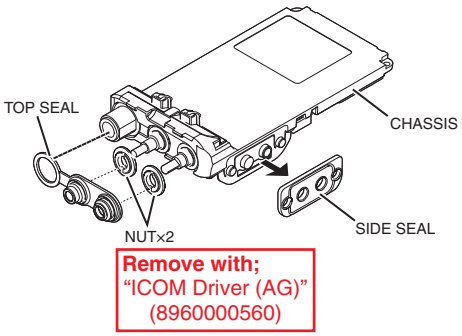
Suction lifter
- Part name : EA950R-2
- Manufacture : ESCO CO.LTD

(Continued on the right above)

4) CAREFULLY lift the chassis out of the FRONT PANEL and turn it over in order to unplug the speaker wire.

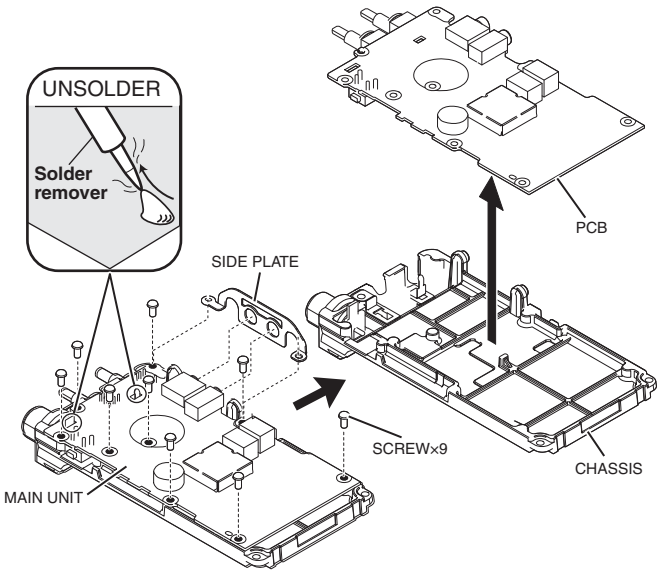


5) Remove the seals and nuts from the CHASSIS.



2. REMOVING THE MAIN UNIT

1) Remove the 9 screws and the side plate from the MAIN UNIT.
2) Unsolder the 2 points shown, and then remove the MAIN UNIT.



SECTION 4 CIRCUIT DESCRIPTION

4-1 RECEIVER CIRCUITS

RF CIRCUITS

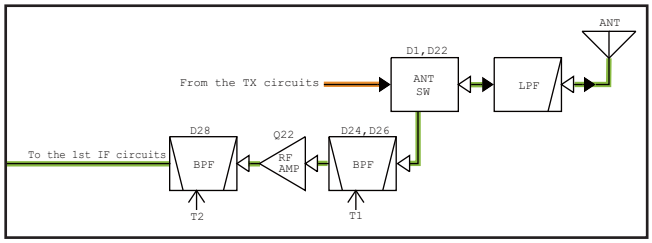
The RX signal from the antenna is passed through the LPF and antenna SW (D3, D22), then filtered by the 2-staged tuned BPF (D24 and D26) to eliminate unwanted out-of-band signals. The filtered RX signal is amplified by the RF AMP (Q22), and filtered by another 2-staged tuned BPF (D28) to obtain a good image response, then applied to the 1st IF circuits.

The BPFs are tuned to the RX frequency by applying adequate tuning voltages: “T1” and “T2” to the variable capacitors.

1ST IF CIRCUITS

The RX signal from the RF circuits is applied to the 1st IF mixer (Q23) and mixed with the 1st LO signal from the RX VCO, resulting in the 46.35 MHz 1st IF signal. The 1st IF signal is passed through the IF SWs (D31–D34) and the crystal filter (FI1: analog mode, FI2: digital mode) to be filtered, amplified by the 1st IF AMP (Q24), then applied to the 2nd IF circuits.

• RF CIRCUITS



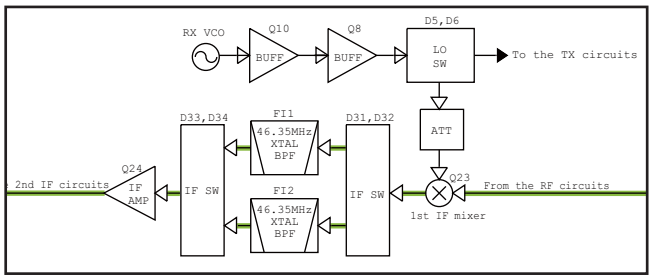
2ND IF AND DEMODULATOR CIRCUITS

The signal from the 1st IF circuits is applied to the IF demodulator IC (IC3) which contains the 2nd IF mixer, 2nd IF AMP, FM detector, squelch circuit and AF AMP in its package.

The 1st IF signal is applied to the 2nd IF mixer and mixed with the 2nd LO signal resulting in the 450 kHz 2nd IF signal.

The 2nd LO signal is generated by tripling the 15.3 MHz reference frequency signal generated by the reference frequency oscillator (TCXO; X2).

• 1ST IF CIRCUITS



• WHILE OPERATING IN THE ANALOG MODE

The 2nd IF signal is filtered by the 2nd IF filter (FI3: wide/middle mode) or filters (FI3 and FI4: narrow) to eliminate unwanted signals. It is amplified by the 2nd IF AMP, and then demodulated by the detector circuit, which employs the discriminator (X1) as the phase shifter.

The demodulated AF signal is amplified by the AF AMP (IC21), and then applied to the linear codec (IC902) through the filter SW (Q901). The filter SW toggles the frequency response of the AF filter (R904, R908, C924), according to the type of reception; Wide, Mid or Narrow.

The AF signal is converted into a digital audio signal by the linear codec (IC902), processed by the DSP (IC903), and then decoded into an analog audio signal.

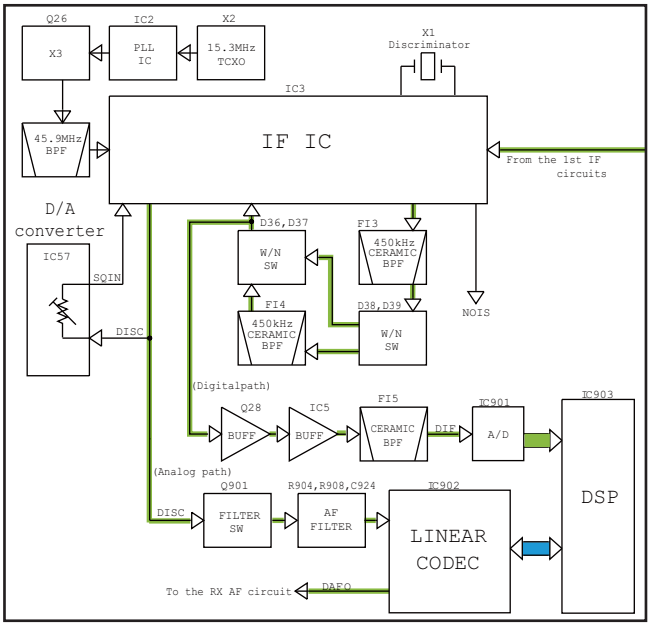
• WHILE OPERATING IN THE DIGITAL MODE

The 2nd IF signal is filtered by the 2nd IF filters (FI3 and FI4) to eliminate unwanted signals and applied to the IF AMP (IC5) through the buffer (Q28). The amplified 2nd IF signal is passed through the ceramic filter (FI5), and then directly applied to the DSP (IC903).

The 2nd IF signal is demodulated by the DSP (IC903), and then applied to the linear codec (IC902) to be decoded into an analog audio signal.

The AF signal is applied to the RX AF circuits.

• 2ND IF AND DEMODULATOR CIRCUITS

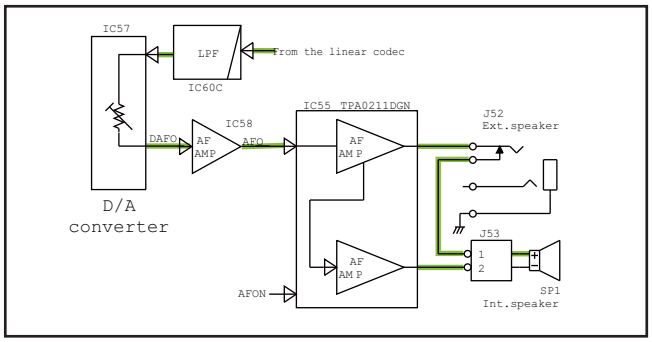


RX AF CIRCUITS

The demodulated AF signal from the linear codec (IC902) is passed through the LPF (IC60C), and then adjusted in level by the D/A converter (IC57). The level-adjusted AF signal is then amplified by AF AMPs (IC58 and IC55).

The amplified AF signal is applied to the internal or external speaker.

• RX AF CIRCUITS



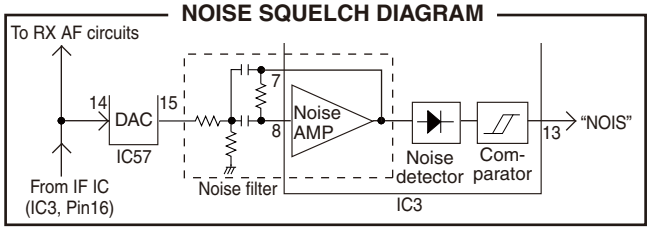
SQUELCH CIRCUITS (Analog mode only)

The squelch circuit cuts off the AF output signals when no RF signals are received. Detecting noise components in the demodulated AF signals, the squelch circuit stops audio signals being emitted.

A portion of demodulated AF signal from the IF IC (IC3) is passed through the D/A converter (IC57) for level (=threshold) adjustment. The level-adjusted AF signals are passed through the noise filter (IC3, pins 7, 8 and R139–R142, C241–C243) to filter the noise components (approx. 30 kHz signals) only. The noise components are rectified, resulting in DC voltage corresponding to the noise level.

If the noise level is higher than the preset one, the internal comparator set the “NOISE” signal to the CPU to “High”, then the CPU turns the “AFON” signal which controlls the AF power AMP (IC55) to “Low,” to inactivate it.

• SQUELCH CIRCUITS



4-2 TRANSMITTER CIRCUITS

TX AF CIRCUITS

The audio signal from the internal or external microphone (MIC signal) is passed through the MIC gain SW (IC62), and then applied to the MIC AMP (IC64).

• WHILE OPERATING IN THE ANALOG MODE

The amplified MIC signal is passed through the HPF (IC63A), which attenuates frequencies 300 Hz and below, and then applied to the limiter AMP (IC60A), through the mute SW (Q66). The amplitude-limited MIC signal is applied to the linear codec (IC902), through the MIC line SW (IC66).

The MIC signal is converted into a digital audio signal by the linear codec (IC902), processed by the DSP (IC903), and then converted into an analog baseband signal (modulation signal).

• WHILE OPERATING IN THE DIGITAL MODE

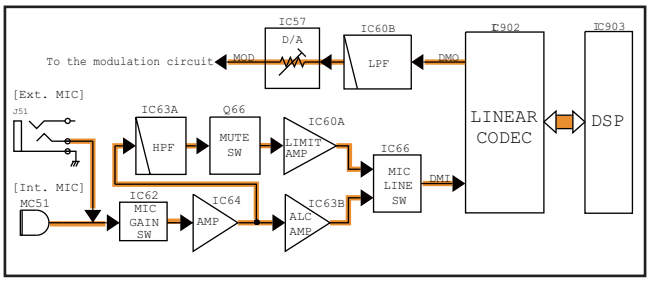
The amplified MIC signal is applied to the ALC (IC63B) which keeps the signal level fixed.

The level-adjusted MIC signal is applied to the linear codec (IC902) through the MIC line SW (IC66).

The MIC signal is converted into a digital audio signal by the linear codec (IC902), processed by the DSP (IC903), and then converted into the digital baseband signal (modulation signal).

The signal from the linear codec (IC902) is passed through the LPF (IC60B), and then applied to the D/A converter (IC57) which adjusts its level (=deviation). The level-adjusted modulation signal is applied to the modulation circuit.

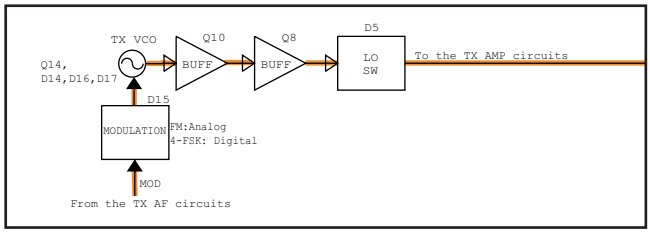
• TX AF CIRCUITS



MODULATION CIRCUIT

The modulation signal from the TX AF circuits is applied to D15 of the TX VCO (Q14, D14–D16) to modulate it (FM for the analog mode, 4FSK for the digital mode). The modulated signal from the TX VCO is buffer-amplified by two buffers (Q8, Q10), and applied to the TX AMP circuits through the LO SW (D5).

• MODULATION CIRCUIT



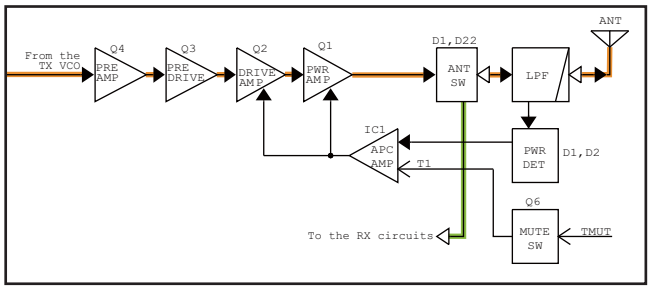
TX AMPLIFIERS

The buffer amplified signal from the LO SW (D5) is sequentially amplified by the pre-AMP (Q4), pre-drive AMP (Q3), drive AMP (Q2), and power AMP (Q1), to obtain TX power. The amplified TX signal is passed through the antenna SW (D3, D22) and the LPF, which eliminates harmonics, and then fed to the antenna.

APC CIRCUITS

D1 and D2 rectify a portion of the TX signal to direct voltage, and the APC AMP (IC1) compares the voltage and the TX power control reference voltage, "T1." The resulting voltage controls the gain of the power and drive AMPs to keep the TX power constant.

• TX AMPLIFIERS AND APC CIRCUITS



4-3 FREQUENCY SYNTHESIZER CIRCUITS

The RX VCO is composed of Q13, and D11, D12. The VCO output signal is buffer-amplified by two buffers (Q8 and Q10) and applied to the 1st IF mixer, through the LO SW (D6) and the LPF (L18, C208, C209).

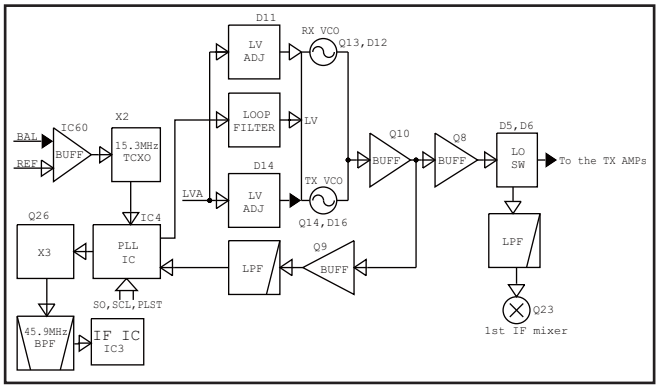
The TX VCO is composed of Q14 and D14–D17. The VCO output signal is buffer-amplified by two buffers (Q8 and Q10) and applied to the pre-AMP (Q4), through the LO SW (D5) and the LPF.

A portion of signal generated by each VCO is fed back to the PLL IC (IC4, pin 17) through the buffer (Q9) and the LPF (L46, C167, C168).

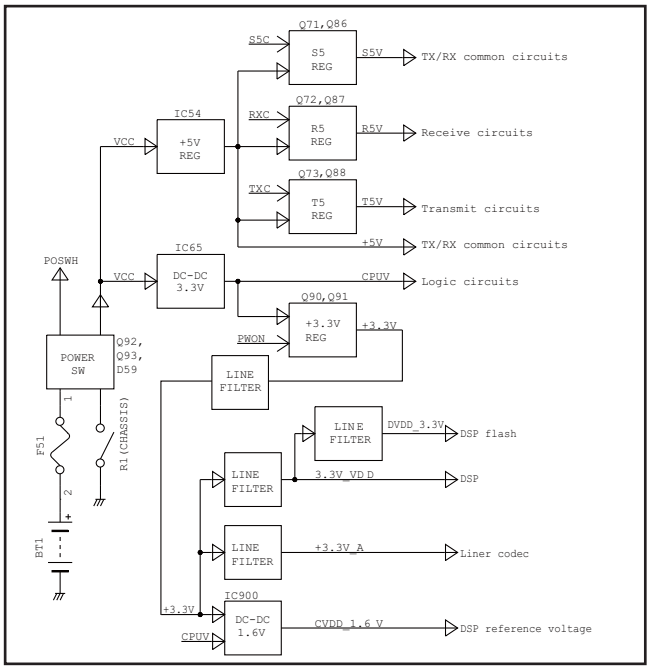
The applied VCO output signal is divided and phase-compared with a 15.3 MHz reference frequency signal from the TCXO (X2), which is also divided. The resulting signal is output from the PLL IC (IC4), and DC-converted by the loop filter, and then applied to the VCO as the lock voltage.

When the oscillation frequency drifts, its phase changes from that of the reference frequency, causing a lock voltage change to compensate for the drift in the VCO oscillating frequency.

• FREQUENCY SYNTHESIZER CIRCUITS



5-4 VOLTAGE DIAGRAMS



4-5 PORT ALLOCATIONS

• CPU (IC51)

BALL No.	LINE NAME	DESCRIPTION	I/O
A5	RXC	Power supply switching control. H= During receive or stand-by.	O
A6	RMUTE	RX AF mute switch control. L= During the squelch circuit is activated.	O
A7	DMOSI	Serial data to the DSP (IC903).	O
A15	PWON	Power supply switching control. H= The transceiver's power is ON.	O
B12	NOIS	Noise level detect. H= Squelch close.	I
B15	AFON	AF power AMP control. H= AF power AMP (IC55) is activated.	O
C1, C2	CBI2, CBI0	**[ROTARY SELECTOR]** input.	I
C5	TXC	Power supply switching control. H= While transmitting.	O
C8	ESDA	EEPROM (IC52) serial data.	I/O
C13	POSW	**[POWER]** input.	I
C14	ADS	1st IF filters (FI1 and FI2) switching control. L= During digital mode.	O
C15	NWC	Receive bandwidth switching. L= During narrow mode.	O
D2, D3	CBI3, CBI1	**[ROTARY SELECTOR]** input.	I
D6	DSCK	DSP (IC903) clock.	O
D8	ESCL	EEPROM (IC52) clock.	O
D13	DPDN	DSP (IC903) power control. H= DSP is inactivated.	O
D14	DRES	DSP (IC903) reset. L= Reset.	O
D15	CSFT	Clock frequency shift. H= Clock frequency is shifted.	O
E13	RES	CPU reset.	I
H1	SIDE1	**[UPPER]** key input. L= Pushed.	I
H2	SIDE2	**[LOWER]** key input. L= Pushed.	I
J1	IPTT	Internal [PTT] input. L= Pushed.	I
J2	XPTT	External PTT input. H= An external PTT is pushed.	I
L1, L2	MCG0, MCG1	MIC gain control.	O
L12	TLED	Busy LED (Red) control. L= LED lights. (While transmitting)	O
L13	RLED	Busy LED (Green) control. L= LED lights. (While receiving a signal)	O
L14	SSO	Common serial data.	O
L15	SCK	Common clock.	O
M1	TMUT	Transmission mute. L= TX inhibit.	O
M2	ATX	Automatic TX control for VOX mode. H= While MIC audio from the connected headset is detected.	O
M8	BEEP	Beep audio. (Square waves)	O
M11	MDET	External connection detect.	I
M14	DAST	D/A converter (IC57) strobe. H= Load enable.	O
N11	VOXV	Microphone input sensing voltage.	I
N12	BATV	Battery voltage sensing.	I
N14	DMISO	DSP (IC903) serial data.	O
P4	PLSW	PLL lock up time control. L= Fast lock up.	O
P10	TEMP	Temperature sensing voltage.	I
P11	RSSI	RSSI sensing voltage.	I
P12	AFVI	**[VOLUME CONTROL]** input.	I
P15	DSS	DSP (IC903) chip select.	O
R3	S5C	Power supply line "S5C" switching control. H= Supplying current to the TX/RX common circuits.	O
R4	PLST	PLL strobe.	O
R10	LVIN	Lock voltage input.	I

• D/A CONVERTER (IC57)

PIN No.	LINE NAME	DESCRIPTION
3	BAL	DTCS balance adjustment.
4	AFVO	AF volume adjustment.
12	TENC	Outputs CTCSS deviation adjustment.
15	SQLC	Squelch threshold setting.
16	T1	During RX: Outputs BPF tuning voltage. During TX: Outputs TX power reference voltage.
19	T2	Outputs BPF tuning voltage.
20	REF	Outputs reference frequency adjust voltage.
23	LVA	Outputs additional lock voltage adjustment.
24	MOD	Max. deviation/AF volume adjustment.

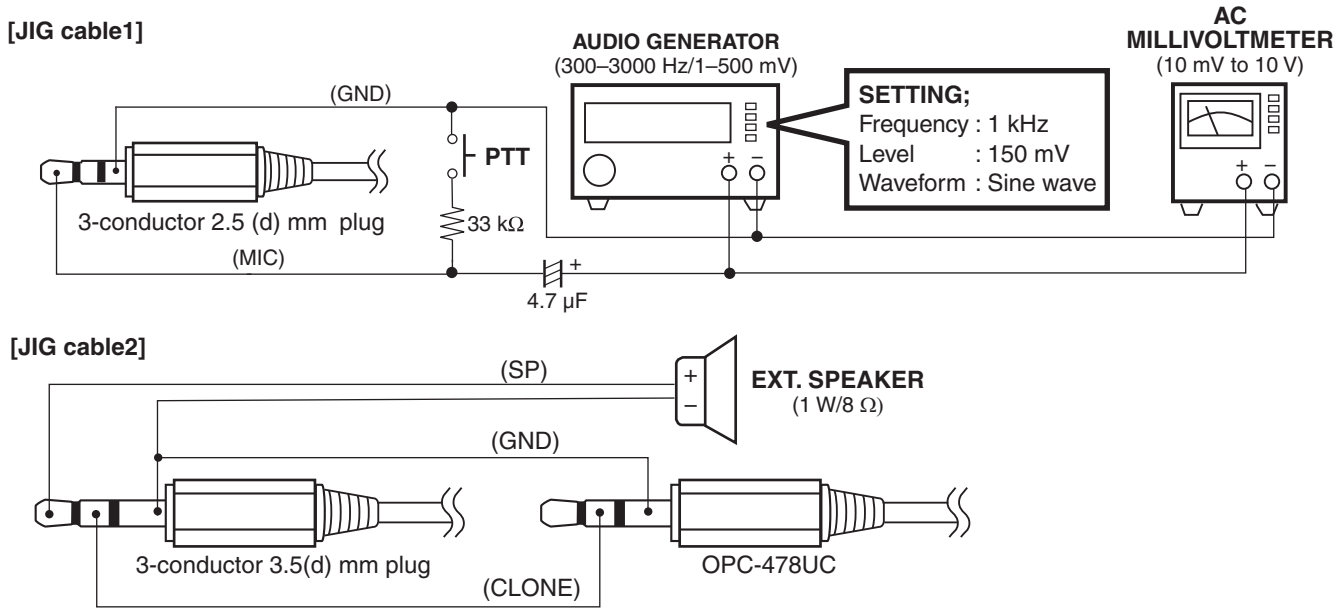
SECTION 5 ADJUSTMENT PROCEDURE

5-1 PREPARATION

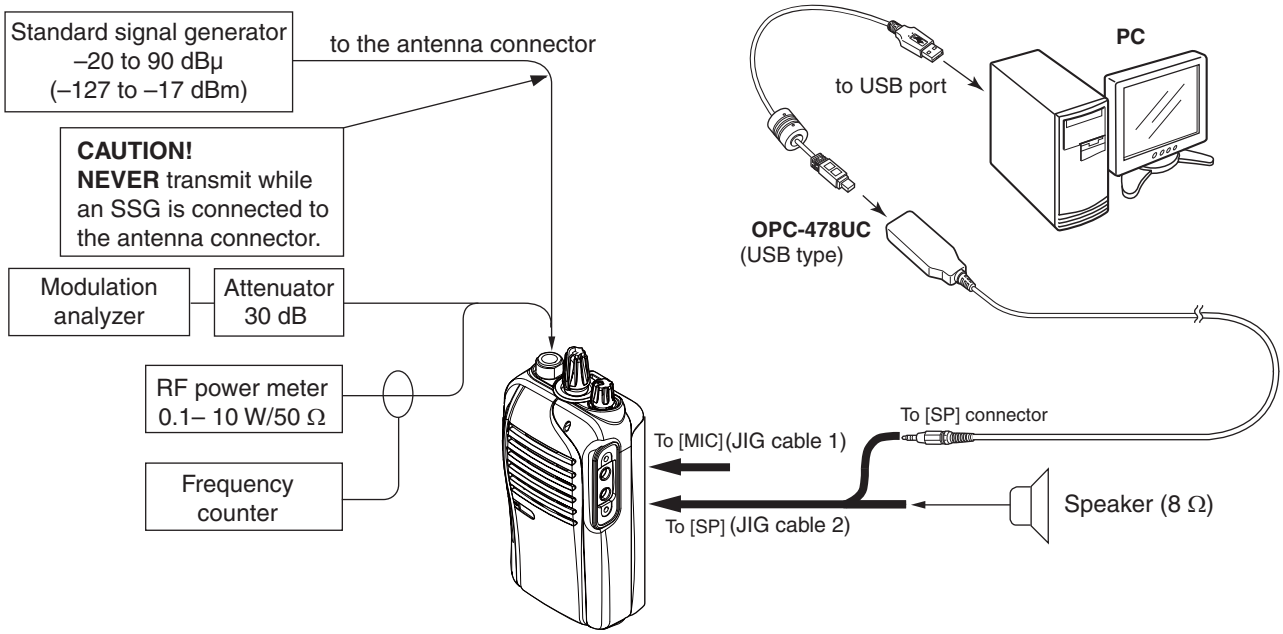
■ REQUIRED EQUIPMENTS

EQUIPMENT	GRADE AND RANGE	EQUIPMENT	GRADE AND RANGE
Cloning software	CS-F3100D/F5120D (Revision 1.0 or later)	JIG cable	Modified OPC-478UC (See the illust below)
RF power meter (50 Ω terminated)	Measuring range : 0.1–10 W Frequency range : 100–600 MHz SWR : Less than 1.2 : 1	Frequency counter	Frequency range : 0.1–600 MHz Frequency accuracy : ±1 ppm or better Input level : Less than 1 mW
Modulation Analyzer	Frequency range : 30–600 MHz Measuring range : 0 to ±10 kHz	Standard signal generator (SSG)	Frequency range : 0.1–600 MHz Output level : –20 dBμ to 90 dBμ (–127 to –17 dBm)
AC millivoltmeter	Measuring range : 10 mV to 10 V		
Oscilloscope	Frequency range : DC–20 MHz Measuring range : 0.01–20 V	Attenuator	Power attenuation : 30 dB Capacity : More than 10 W
Audio generator (AG)	Frequency range : 300–3000 Hz Output level : 1–500 mV	External speaker	Input impedance : 8 Ω Capacity : More than 1 W

■ JIG CABLE



■ CONNECTION



■ ADJUSTMENT CHANNELS

Before starting the adjustments, use the cloning software to create the same cloning file as shown below, then upload it into the transceiver.

• For 400 MHz band versions

CH	Atr	Inh	RX	TX	TX Inh	Beat Cancel	W/N	SQL Tight	RX	TX	Text	TOT	RF PWR	PWR Save	Lock-out	Scan	Inc	Assig	Sel Inh	Auto Scan	CH Type	Auto Rese
1- 1	AB		400.000000	<-		OFF	N				LVADJL		L1				Inc				Analog	Tim-
1- 2			470.000000	<-		OFF	N				LVADJH		L1				Inc				Analog	Tim-
1- 3			470.000000	<-		OFF	N				REF		L1				Inc				Analog	Tim-
1- 4			435.000000	<-		OFF	N				PWR H		H				Inc				Analog	Tim-
1- 5			435.000000	<-		OFF	N				PWR L2		L2				Inc				Analog	Tim-
1- 6			435.000000	<-		OFF	N				PWR L1		L1				Inc				Analog	Tim-
1- 7			400.000000	<-		OFF	N				BAL L		L1				Inc				Analog	Tim-
1- 8			435.000000	<-		OFF	N				BAL C		L1				Inc				Analog	Tim-
1- 9			470.000000	<-		OFF	N				BAL H		L1				Inc				Analog	Tim-
1- 10			400.000000	<-		OFF	N				FM DEV N		L1				Inc				Analog	Tim-
1- 11			435.000000	<-		OFF	N				FM DEV N		L1				Inc				Analog	Tim-
1- 12			470.000000	<-		OFF	N				FM DEV N		L1				Inc				Analog	Tim-
1- 13			400.000000	<-		OFF	W				FM DEV W		L1				Inc				Analog	Tim-
1- 14			435.000000	<-		OFF	W				FM DEV W		L1				Inc				Analog	Tim-
1- 15			470.000000	<-		OFF	W				FM DEV W		L1				Inc				Analog	Tim-
1- 16			400.000000	<-		OFF	W				FM DEV M		L1				Inc				Analog	Tim-
1- 17			435.000000	<-		OFF	W				FM DEV M		L1				Inc				Analog	Tim-
1- 18			470.000000	<-		OFF	W				FM DEV M		L1				Inc				Analog	Tim-
1- 19			400.000000	<-		OFF	W				DG DEV L		L1				Inc				Digital	Tim-
1- 20			435.000000	<-		OFF	W				DG DEV C		L1				Inc				Digital	Tim-
1- 21			470.000000	<-		OFF	W				DG DEV H		L1				Inc				Digital	Tim-
1- 22			435.000000	<-		OFF	W		151.4	<-	CTCS OTH		L1				Inc				Analog	Tim-
1- 23			435.000000	<-		OFF	N		151.4	<-	CTCS USA		L1				Inc				Analog	Tim-
1- 24			435.000000	<-		OFF	W		007N	<-	DTCS OTH		L1				Inc				Analog	Tim-
1- 25			435.000000	<-		OFF	N		007N	<-	DTCS USA		L1				Inc				Analog	Tim-
1- 26			435.000000	<-		OFF	N				2/5 TONE		L1				Inc				Analog	Tim-
1- 27			400.000000	<-	i	OFF	W				SENS OTH		L1				Inc				Analog	Tim-
1- 28			400.000000	<-	i	OFF	N				SENS USA		L1				Inc				Analog	Tim-
1- 29			400.000000	<-	i	OFF	W				RSSI OTH		L1				Inc				Analog	Tim-
1- 30			400.000000	<-	i	OFF	N				RSSI USA		L1				Inc				Analog	Tim-
1- 31			400.000000	<-	i	OFF	W				SQL OTH		L1				Inc				Analog	Tim-
1- 32			400.000000	<-	i	OFF	N				SQL USA		L1				Inc				Analog	Tim-
1- 33																						

• For 350 MHz band versions

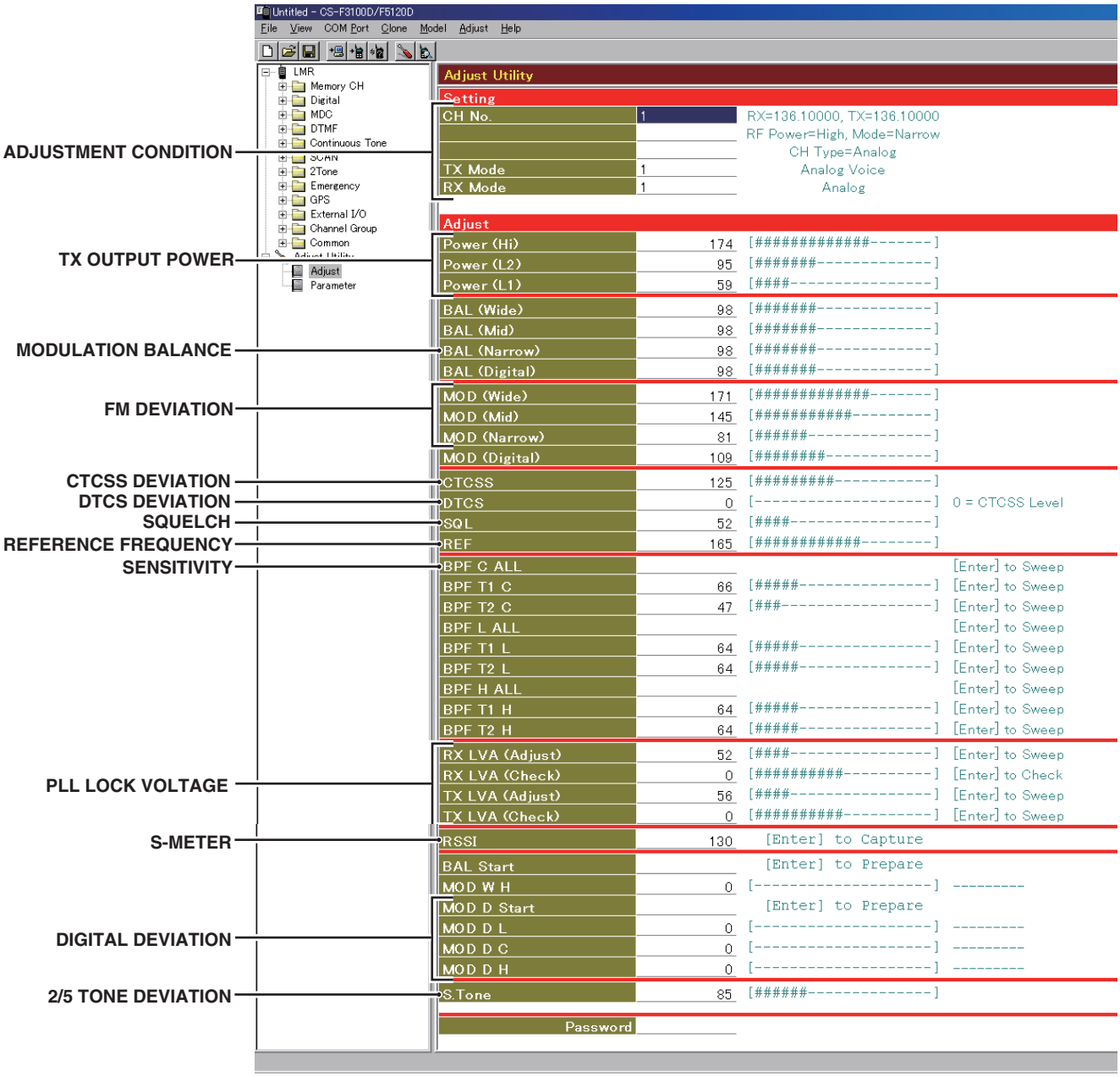
CH	Atr	Inh	RX	TX	TX Inh	Beat Cancel	W/N	SQL Tight	RX	TX	Text	TOT	RF PWR	PWR Save	Lock-out	Scan	Inc	Assig	Sel Inh	Auto Scan	CH Type	Auto Rese
1- 1	AB		350.000000	<-		OFF	N				LVADJL		L1				Inc				Analog	Tim-
1- 2			400.000000	<-		OFF	N				LVADJH		L1				Inc				Analog	Tim-
1- 3			400.000000	<-		OFF	N				REF		L1				Inc				Analog	Tim-
1- 4			375.000000	<-		OFF	N				PWR H		H				Inc				Analog	Tim-
1- 5			375.000000	<-		OFF	N				PWR L2		L2				Inc				Analog	Tim-
1- 6			375.000000	<-		OFF	N				PWR L1		L1				Inc				Analog	Tim-
1- 7			350.000000	<-		OFF	N				BAL L		L1				Inc				Analog	Tim-
1- 8			375.000000	<-		OFF	N				BAL C		L1				Inc				Analog	Tim-
1- 9			400.000000	<-		OFF	N				BAL H		L1				Inc				Analog	Tim-
1- 10			350.000000	<-		OFF	N				FM DEV N		L1				Inc				Analog	Tim-
1- 11			375.000000	<-		OFF	N				FM DEV N		L1				Inc				Analog	Tim-
1- 12			400.000000	<-		OFF	N				FM DEV N		L1				Inc				Analog	Tim-
1- 13			350.000000	<-		OFF	W				FM DEV W		L1				Inc				Analog	Tim-
1- 14			375.000000	<-		OFF	W				FM DEV W		L1				Inc				Analog	Tim-
1- 15			400.000000	<-		OFF	W				FM DEV W		L1				Inc				Analog	Tim-
1- 16			350.000000	<-		OFF	W				FM DEV M		L1				Inc				Analog	Tim-
1- 17			375.000000	<-		OFF	W				FM DEV M		L1				Inc				Analog	Tim-
1- 18			400.000000	<-		OFF	W				FM DEV M		L1				Inc				Analog	Tim-
1- 19			350.000000	<-		OFF	W				DG DEV L		L1				Inc				Digital	Tim-
1- 20			375.000000	<-		OFF	W				DG DEV C		L1				Inc				Digital	Tim-
1- 21			400.000000	<-		OFF	W				DG DEV H		L1				Inc				Digital	Tim-
1- 22			375.000000	<-		OFF	W		151.4	<-	CTCS OTH		L1				Inc				Analog	Tim-
1- 23			375.000000	<-		OFF	W		151.4	<-	CTCS USA		L1				Inc				Analog	Tim-
1- 24			375.000000	<-		OFF	W		007N	<-	DTCS OTH		L1				Inc				Analog	Tim-
1- 25			375.000000	<-		OFF	W		007N	<-	DTCS USA		L1				Inc				Analog	Tim-
1- 26			375.000000	<-		OFF	N				2/5 TONE		L1				Inc				Analog	Tim-
1- 27			350.000000	<-	i	OFF	W				SENS OTH		L1				Inc				Analog	Tim-
1- 28			350.000000	<-	i	OFF	W				SENS USA		L1				Inc				Analog	Tim-
1- 29			350.000000	<-	i	OFF	W				RSSI OTH		L1				Inc				Analog	Tim-
1- 30			350.000000	<-	i	OFF	W				RSSI USA		L1				Inc				Analog	Tim-
1- 31			350.000000	<-	i	OFF	W				SQL OTH		L1				Inc				Analog	Tim-
1- 32			350.000000	<-	i	OFF	W				SQL USA		L1				Inc				Analog	Tim-
1- 33																						

CONVENIENT: The cloning data file for the adjustment, as described in this service manual, is attached.
Right click the clip icon, and select "Save Embeded File to Disk."

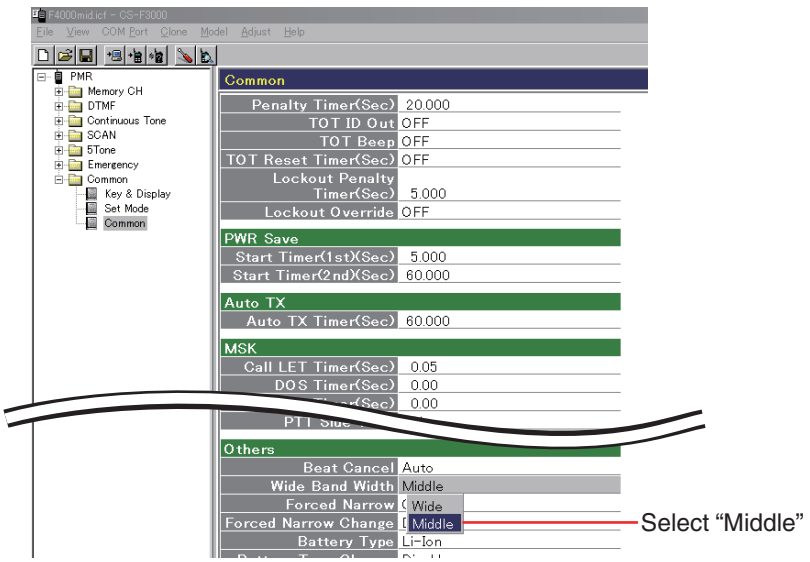
• For 400 MHz band versions:

• For 350 MHz band versions:

■ ADJUSTMENT UTILITY



For [EUR] versions:
When adjusting “Deviation” in the middle band, change the bandwidth to “Middle” as shown.



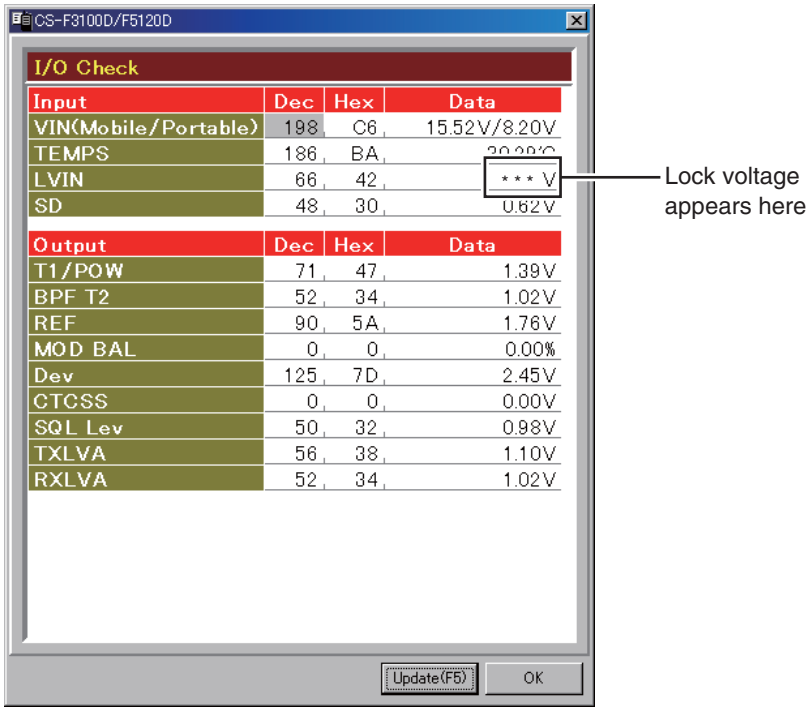
5-2 FREQUENCY ADJUSTMENTS

1) Select an adjustment item using [↑]/[↓] on the PC's keyboard.
2) Set or modify the adjustment value as specified using [←]/[→] on the PC's keyboard, then push [ENTER].

ADJUSTMENT		TRANSCEIVER'S CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
PLL LOCK VOLTAGE -RX- (Band low)	1	• Channel : 1-1 • Receiving	1) Connect an RF power meter to the antenna connector. 2) Set the preset adjustment value on the adjustment utility window.	**[RX LVA(Adjust)]**	1.00 V
(Band high)	2	• Channel : 1-2 • Receiving		**[RX LVA(Check)]**	3.70 V
-TX- (Band low)	3	• Channel : 1-1 • Transmitting		**[TX LVA(Adjust)]**	1.00 V
(Band high)*	4	• Channel : 1-2 • Transmitting		**[TX LVA(Check)]**	3.20 V
-VERIFY-**	5	• Channel : 1-2 • Transmitting	• Click the [Update (F5)] button to check on the "I/O Check window" as below.	**[LVIN]** (On the "I/O Check window")	2.00–4.00 V (Verify)
REFERENCE FREQUENCY	1	• Channel : 1-3 • Transmitting	• Loosely couple a frequency counter to the antenna connector.	**[REF]**	470.000000 MHz [400 MHz band] 400.000000 MHz [350 MHz band] (±50 Hz)

*: For only [350 MHz band]. **: For only [400 MHz band].

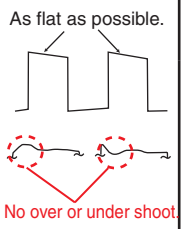
• I/O Check window



(The values shown above are an example only. Each transceiver has own values.)

5-3 TRANSMIT ADJUSTMENTS

1) Select an adjustment item using [↑]/[↓] on the PC's keyboard.
2) Set or modify the adjustment value as specified using [←]/[→] on the PC's keyboard, then push [ENTER].

ADJUSTMENT		TRANSCEIVER'S CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
TX OUTPUT POWER (Hi power)	1	• Channel : 1-4 • Transmitting	• Connect an RF power meter to the antenna connector.	**[Power (Hi)]**	4.0 W
(L2 power)	2	• Channel : 1-5 • Transmitting		**[Power (L2)]**	2.0 W
(L1 power)	3	• Channel : 1-6 • Transmitting		**[Power (L1)]**	1.0 W
MODULATION BALANCE	1	–	• Set "MOD -Narrow-" to "90," and set the TX mode to "2" on the "ADJUSTMENT UTILITY" screen.	**[MOD -Narrow-]**	**90**
				[TX mode]	**2**
	2	• Set the coursor on [BAL Start] to enter the "MODULATION BALANCE" adjustment mode.		**[BAL Start]**	**–**
(Band low)	3	• Channel : 1-7 • Transmitting	• Connect a modulation analyzer with an oscilloscope to the antenna connector through an attenuator, and set it as; HPF : OFF LPF : 15 kHz De-emphasis : OFF Detector : (P–P)/2	**[BAL 1]**	
(Band center)	4	• Channel : 1-8 • Transmitting		**[BAL 2]**	
(Band high)	5	• Channel : 1-9 • Transmitting		**[BAL 3]**	
	6	• Set the coursor on [BAL Start] to quit the "MODULATION BALANCE" adjustment mode.		**[BAL Start]**	**–**
FM DEVIATION -Narrow- (Band low)	1	• Set the coursor on [MOD N Start] to enter the "FM DEVIATION -Narrow-" adjustment mode.		**[MOD N Start]**	–
	2	• Channel : 1-10 • Transmitting	• Connect a modulation analyzer to the antenna connector through an attenuator, and set it as "MODULATION BALANCE." • Connect an audio generator to the [MIC] jack through the JIG cable, and set it as; Frequency : 1 kHz Waveform : Sinewave Level : 150 mVrms	**[MOD N L]**	±2.05 to ±2.15 kHz
(Band center)	3	• Channel : 1-11 • Transmitting		**[MOD N C]**	
(Band high)	4	• Channel : 1-12 • Transmitting		**[MOD N H]**	
	5	• Set the coursor on [MOD N Start] to quit the "FM DEVIATION -Narrow-" adjustment mode.		**[MOD N Start]**	**–**
FM DEVIATION -Wide-* (Band low)	1	• Set the coursor on [MOD W Start] to enter the "FM DEVIATION -Wide-" adjustment mode.		**[MOD W Start]**	–
	2	• Channel : 1-13 • Transmitting	• Connect a modulation analyzer to the antenna connector through an attenuator, and set it as "MODULATION BALANCE." • Connect an audio generator to the [MIC] jack through the JIG cable, and set it as "FM DEVIATION -Wide-."	**[MOD W L]**	±4.05 to ±4.15 kHz±
(Band center)	3	• Channel : 1-14 • Transmitting		**[MOD W C]**	
(Band high)	4	• Channel : 1-15 • Transmitting		**[MOD W H]**	
	5	• Set the coursor on [MOD W Start] to quit the "FM DEVIATION -Wide-" adjustment mode.		**[MOD W Start]**	–

*: For all models except [USA].

5-3 TRANSMIT ADJUSTMENTS (Continued)

1) Select an adjustment item using [↑]/[↓] on the PC's keyboard.
2) Set or modify the adjustment value as specified using [←]/[→] on the PC's keyboard, then push [ENTER].

ADJUSTMENT		TRANSCEIVER'S CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
FM DEVIATION -Middle-* (Band low)**	1	• Set the coursor on [MOD W Start] to enter the "FM DEVIATION -Middle-" adjustment mode.		**[MOD M Start]**	–
	2	• Channel : 1-16 • Transmitting	• Connect a modulation analyzer with an oscilloscope to the antenna connector through an attenuator, and set it as; HPF : OFF LPF : 15 kHz De-emphasis : OFF Detector : (P–P)/2 • Connect an audio generator to the [MIC] jack through the JIG cable, and set it as; Frequency : 1 kHz Waveform : Sine wave Level : 150 mVrms	**[MOD M L]**	±3.25 to ±3.35 kHz±
(Band center)	3	• Channel : 1-17 • Transmitting		**[MOD M C]**	
(Band high)	4	• Channel : 1-18 • Transmitting		**[MOD M H]**	
	5	• Set the coursor on [MOD W Start] to quit the "FM DEVIATION -Middle-" adjustment mode.		**[MOD M Start]**	–
DIGITAL DEVIATION (Band low)	1	• Set the coursor on [MOD D Start] to enter the "DIGITAL DEVIATION" adjustment mode.		**[MOD N Start]**	–
	2	• Channel : 1-19 • Transmitting	• Connect a modulation analyzer to the antenna connector through an attenuator, and set it as "FM DEVIATION -Middle-." • Connect an audio generator to the [MIC] jack through the JIG cable, and set it as "FM DEVIATION -Middle-."	**[MOD D L]**	±1.36 to ±1.40 kHz
(Band center)	3	• Channel : 1-20 • Transmitting		**[MOD D C]**	
(Band high)	4	• Channel : 1-21 • Transmitting		**[MOD D H]**	
	5	• Set the coursor on [MOD D Start] to quit the "DIGITAL DEVIATION" adjustment mode.		**[MOD N Start]**	–
CTCSS DEVIATION	1	• Channel : 1-22* 1-23** • No AF input from the MIC. • Transmitting	• Connect a modulation analyzer with an oscilloscope to the antenna connector through an attenuator, and set it as; HPF : OFF LPF : 15 kHz De-emphasis : OFF Detector : (P–P)/2	**[CTCSS]**	±0.65 to ±0.75 kHz* ±0.30 to ±0.40 kHz**
DTCS DEVIATION	1	• Channel : 1-24* 1-25** • No AF input from the MIC. • Transmitting	• Connect a modulation analyzer to the antenna connector through an attenuator, and set it as "CTCSS DEVIATION."	**[DTCS]**	±0.65 to ±0.75 kHz* ±0.30 to ±0.40 kHz**
2/5 TONE, DTMF DEVIATION	1	• Channel : 1-26 • Transmitting	• Set the TX mode to "5" on the "ADJUSTMENT UTILITY" screen.	**[TX Mode]**	5
	2		• Connect a modulation analyzer to the antenna connector through an attenuator, and set it as "MODULATION BALANCE."	**[S.Tone]**	±1.45 to ±1.55 kHz

*: For all models except [USA]. **: For [USA] ***: For only [EUR].

5-4 RECEIVE ADJUSTMENTS

1) Select an adjustment item using [↑]/[↓] on the PC's keyboard.
2) Set or modify the adjustment value as specified using [←]/[→] on the PC's keyboard, then push [ENTER].

ADJUSTMENT		TRANSCEIVER'S CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
RECEIVE SENSITIVITY	**NOTE:** "RECEIVE SENSITIVITY" must be adjusted before "S-METER." Otherwise, "S-METER" will not beadjusted properly. When "RECEIVE SENSITIVITY" is re-adjusted, "S-METER" must be also re-adjusted.				
	1	• Channel : 1-27* 1-28** • Receiving	• Connect an SSG to the antenna connector and set it as; Frequency : 400 MHz [400 MHz band] 350 MHz [350 MHz band] Level† : +20 dBμ (–87 dBm) Modulation : 1 kHz Deviation : ±3.0 kHz* ±1.5 kHz**	**[BPF C ALL]**	Push [ENTER] (Automatic adjustment)
S-METER	**NOTE:** When "RECEIVE SENSITIVITY" is re-adjusted, "S-METER" must be also re-adjusted.				
	1	• Channel : 1-29* 1-30** • Receiving	• Connect an SSG to the antenna connector and set it as; Frequency : 400 MHz [400 MHz band] 350 MHz [350 MHz band] Level† : +23 dBμ (–84 dBm) Modulation : 1 kHz Deviation : ±3.0 kHz* ±1.5 kHz**	**[RSSI S3 Level]**	Push [ENTER] (Automatic adjustment)
	2		• Set the SSG as; Level† : –7 dBμ (–114 dBm)	**[RSSI S1 Level]**	
SQUELCH	**NOTE:** When "RECEIVE SENSITIVITY" is re-adjusted, "SQUELCH" must be also re-adjusted.				
	1	• Channel : 1-31* 1-32** • Receiving	1) Connect an SSG to the antenna connector and set it as; Frequency : 400 MHz [400 MHz band] 350 MHz [350 MHz band] Level† : –14 dBμ (–121 dBm) Modulation : 1 kHz Deviation : ±3.0 kHz* ±1.5 kHz** 2) Once close the squelch by increasing the **[SQL]** value, and then decrease the value to open the squelch.	**[SQL]**	Squelch opens (Push **[ENTER]** to store the value)

†; The output level of the standard signal generator (SSG) is indicated as the SSG's open circuit.
*: For all models except [USA]. **: For [USA]

SECTION 6 PARTS LIST

[MAIN-A UNIT] (For [400 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110002751	S.IC	TA75S01F(TE85RF)	T	32.5/8.9
IC3	1110007320	S.IC	NJM2591V-TE1-#ZZZB	B	45.8/38.9
IC4	1130015270	S.IC	AK1541P-L	T	43.2/24.0
IC5	1110006230	S.IC	NJM2711F-TE1-#ZZZB	B	68.3/44.2
IC6	1130011741	S.IC	TC7W66FK(TE85LF)	B	65.3/26.7
IC21	1110002751	S.IC	TA75S01F(TE85RF)	T	69.8/34.6
IC51	1140015010	S.IC	HD64F2506RBR26DV(EMPTY)	B	83.0/14.3
IC52	1130015080	S.IC	R1EX24512ASAS0A	T	83.6/16.4
IC53	1110007780	S.IC	NJU7704F3-28A-TE1-#ZZZH	T	85.0/11.3
IC54	1180003600	S.REG	NJM2871BF05-TE1-#ZZZB	T	15.5/34.8
IC55	1110007610	S.IC	TPA0211DGNR	B	13.3/42.1
IC57	1110007290	S.IC	AK2330P-L	B	72.3/24.3
IC58	1110002751	S.IC	TA75S01F(TE85RF)	T	23.9/28.3
IC60	1110005320	S.IC	NJM13403V-TE1-#ZZZB	B	65.1/8.3
IC62	1130011741	S.IC	TC7W66FK(TE85LF)	T	60.9/11.3
IC63	1110007630	S.IC	NJM2783V-TE1-#ZZZH	T	71.9/9.8
IC64	1110005330	S.IC	NJM12904V-TE1-#ZZZB	T	67.1/9.8
IC65	1180003670	S.REG	BD9141MUV-E2	T	96.5/9.1
IC66	1130009981	S.IC	TC7W53FK(TE85LF)	T	75.9/8.5
IC900	1180003680	S.REG	TPS62204DBVR	T	76.4/39.0
IC901	1190002900	S.IC	ADS7886SDCKR	T	77.5/32.5
IC902	1110007770	S.IC	PCM3008T/2K	B	78.6/34.7
IC903	1140013290	S.IC	TMS320VC5509AZHH	T	86.8/36.8
IC904	1130015620	S.IC	EN25Q40-100GIP <MSK>	T	78.0/28.4
IC905	1110006230	S.IC	NJM2711F-TE1-#ZZZB	B	80.2/46.0
Q1	1560001700	S.FET	RD07MUS2B-T112	B	28.6/13.5
Q2	1560001241	S.FET	RD01MUS1-T113	B	36.1/14.4
Q3	1530004180	S.TRA	2SC3356-T1B YS (R25)	B	41.3/12.9
Q4	1530003311	S.TRA	2SC5107-O(TE85RF)	B	46.2/13.4
Q8	1530003311	S.TRA	2SC5107-O(TE85RF)	T	55.6/18.6
Q9	1530003311	S.TRA	2SC5107-O(TE85RF)	B	55.4/18.9
Q10	1530003311	S.TRA	2SC5107-O(TE85RF)	T	61.0/19.4
Q11	1590004070	S.TRA	LDTC144EET1G <SLVJ>	B	53.4/23.2
Q12	1590004070	S.TRA	LDTC144EET1G <SLVJ>	B	62.7/23.3
Q13	1530002921	S.TRA	2SC4226-T1 Y25 (R25)	T	56.5/22.6
Q14	1530002921	S.TRA	2SC4226-T1 Y25 (R25)	T	62.2/22.3
Q15	1530002851	S.TRA	2SC4116-BL(TE85RF)	B	63.6/17.2
Q16	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	68.5/21.3
Q17	1560000541	S.FET	2SK880-Y(T5RICOMF)	B	50.9/29.7
Q21	1560000841	S.FET	2SK1829(TE85RF)	B	25.7/31.5
Q22	1580000731	S.FET	3SK293(TE85LF)	B	21.2/29.0
Q23	1580000731	S.FET	3SK293(TE85LF)	B	36.4/26.1
Q24	1530003311	S.TRA	2SC5107-O(TE85RF)	B	38.3/42.6
Q26	1530002851	S.TRA	2SC4116-BL(TE85RF)	T	43.3/32.7
Q27	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	56.3/35.9
Q28	1530002851	S.TRA	2SC4116-BL(TE85RF)	B	63.6/44.7
Q29	1590004090	S.TRA	LDTC114YET1G <SLVJ>	T	38.5/42.6
Q51	1510001090	S.TRA	KTA2015Y-RTK/P	B	25.7/43.5
Q52	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	24.6/39.8
Q58	1590004220	S.TRA	DRA9123Y0L	B	54.9/7.1
Q59	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	49.1/7.3
Q63	1520000460	S.TRA	2SB1132 T100 R	B	15.3/35.5
Q64	1590004590	S.TRA	DMC506010R	B	19.3/36.0
Q66	1560001360	S.FET	2SK3019 TL	B	72.7/7.0
Q67	1590004090	S.TRA	LDTC114YET1G <SLVJ>	T	75.4/13.1
Q71	1510001090	S.TRA	KTA2015Y-RTK/P	B	66.9/16.3
Q72	1510000771	S.TRA	2SA1586-GR(TE85LF)	B	65.8/37.4
Q73	1510001090	S.TRA	KTA2015Y-RTK/P	B	70.2/12.5
Q81	1590004100	S.TRA	LDTC144TET1G <SLVJ>	B	93.4/20.2
Q82	1590004050	S.TRA	LDTA144EET1G <SLVJ>	T	79.0/19.5
Q83	1590004050	S.TRA	LDTA144EET1G <SLVJ>	T	78.5/17.5
Q84	1590004070	S.TRA	LDTC144EET1G <SLVJ>	B	19.2/43.8
Q85	1590004090	S.TRA	LDTC114YET1G <SLVJ>	T	21.5/33.0
Q86	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	70.6/16.3
Q87	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	68.5/35.7
Q88	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	72.5/12.4
Q90	1510000920	S.TRA	2SA1577 T106 Q	T	92.4/12.6
Q91	1590004090	S.TRA	LDTC114YET1G <SLVJ>	T	91.0/14.9
Q92	1590003321	S.FET	TPC6103(TE85LF)	B	6.9/35.0
Q93	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	4.0/34.6
Q95	1590004050	S.TRA	LDTA144EET1G <SLVJ>	B	68.5/33.2
Q900	1590004050	S.TRA	LDTA144EET1G <SLVJ>	B	73.5/48.8
Q901	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	75.1/27.8
D1	1750002230	S.DIO	LRB751S-40T1G <SLVJ>	B	13.8/6.3
D2	1750002230	S.DIO	LRB751S-40T1G <SLVJ>	B	15.2/10.6
D3	1750001890	S.DIO	HVD142AKRF-E	B	15.7/14.8
D5	1750001890	S.DIO	HVD142AKRF-E	B	49.6/15.2
D6	1750001890	S.DIO	HVD142AKRF-E	B	49.6/16.6
D10	1790001241	S.DIO	MA2S7280GL	B	61.6/17.5
D11	1750001840	S.VAR	HVD350BKRF-E	T	57.1/27.1
D12	1750001840	S.VAR	HVD350BKRF-E	T	54.0/28.8
D14	1750002270	S.VAR	HVD396CKRF-E	T	60.0/26.1
D15	1750001650	S.VAR	1SV309(TPH3F)	T	64.6/28.2
D16	1750001840	S.VAR	HVD350BKRF-E	T	62.5/28.2
D21	1750001810	S.DIO	L1SS400T1G <SLVJ>	B	28.0/33.3
D22	1750001890	S.DIO	HVD142AKRF-E	B	15.7/18.3
D24	1750001780	S.VAR	HVB350BYPTL-E	B	18.1/23.8
D26	1750001780	S.VAR	HVB350BYPTL-E	B	18.1/26.7
D28	1750001780	S.VAR	HVB350BYPTL-E	B	29.2/26.7
D31	1750001910	S.DIO	HVD144AKRF-E	B	40.3/30.1
D32	1750001910	S.DIO	HVD144AKRF-E	T	36.6/28.4
D33	1750001910	S.DIO	HVD144AKRF-E	B	36.7/39.8
D34	1750001910	S.DIO	HVD144AKRF-E	T	36.5/41.0
D36	1750001790	S.DIO	1SS390 TE61	B	54.1/40.0

[MAIN-A UNIT] (For [400 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
D37	1750001790	S.DIO	1SS390 TE61	B	51.7/36.8
D38	1750001790	S.DIO	1SS390 TE61	B	56.6/40.0
D39	1750001790	S.DIO	1SS390 TE61	B	58.1/38.6
D51	1750001820	S.DIO	LRB706F-40T1G <SLVJ>	B	91.9/17.8
D52	1790001241	S.DIO	MA2S7280GL	B	26.2/41.0
D53	1750001810	S.DIO	L1SS400T1G <SLVJ>	T	61.8/6.8
D54	1750001810	S.DIO	L1SS400T1G <SLVJ>	T	60.5/6.8
D55	1750001810	S.DIO	L1SS400T1G <SLVJ>	B	22.8/34.9
D59	1750001850	S.DIO	LDAN222T1G <SLVJ>	B	4.2/37.5
D60	1750001790	S.DIO	1SS390 TE61	B	85.0/23.6
D901	1790001241	S.DIO	MA2S7280GL	T	87.1/27.9
D902	1790001241	S.DIO	MA2S7280GL	B	86.2/44.9
D903	1790001241	S.DIO	MA2S7280GL	B	92.1/30.8
D904	1790001241	S.DIO	MA2S7280GL	T	88.4/27.9
D905	1790001241	S.DIO	MA2S7280GL	B	96.3/30.8
FI1	2030000870	S.MON	MFT46.3P3 46.350 MHz (FL-442)	B	35.4/34.1
FI2	2010002760	S.XTA	MFT46.3J 46.350 MHz (FL-448)	T	36.6/34.5
FI3	2020002410	CER	LTM450FW <JJE>		
FI4	2020002570	CER	LTM450HW <JJE>		
FI5	2020002610	S.CER	LTUCG450G <JJE>	T	65.2/43.3
X1	6070000310	S.DIS	JTBM450CX70 <JJE>	T	47.6/40.9
X2	6050013000	S.XTA	CR-892 TTS14VSB-A8 15.3 MHz	T	41.9/15.0
X51	6050013160	S.XTA	CR-912 TSS3225A 19.6608 MHz	T	81.8/21.4
X900	6050013170	S.XTA	CR-914 TTS18VSE-A11 12.288 MHz	B	75.1/46.0
L1	6200012490	S.COI	0.30-0.9-6TR 13.6N <COMO>	B	9.5/7.5
L2	6200012490	S.COI	0.30-0.9-6TR 13.6N <COMO>	B	10.4/10.5
L3	6200013010	S.COI	0.30-0.9-5TL 10.3N <COMO>	B	12.7/13.4
L4	6200002851	S.COI	NLV25T-R82J	B	18.2/16.6
L5	6200012610	S.COI	0.40-0.9-2TL 2.8N <COMO>	B	18.2/13.4
L6	6200012610	S.COI	0.40-0.9-2TL 2.8N <COMO>	B	20.7/13.4
L7	6200012980	S.COI	0.40-1.4-5TR 18.3N <COMO>	B	23.6/13.4
L8	6200013860	S.COI	MLK1005S12NJT	B	41.0/10.7
L9	6200013840	S.COI	MLK1005S18NJT	B	45.5/10.7
L11	6200010850	S.COI	LQW18AN22NG00D (LQW1608A22NG00)	B	13.9/16.6
L13	6200007700	S.COI	LQW2BHN22NJ03L	B	15.1/22.4
L14	6200007700	S.COI	LQW2BHN22NJ03L	B	15.1/28.1
L15	6200007680	S.COI	LQW2BHN12NJ03L	B	25.8/27.6
L16	6200007680	S.COI	LQW2BHN12NJ03L	B	32.7/27.6
L18	6200013800	S.COI	MLK1005S39NJT	B	36.4/22.3
L19	6200013780	S.COI	MLK1005S56NJT	B	34.4/23.9
L20	6200004770	S.COI	ELJNC R56J-F	B	39.1/26.4
L23	6200012170	S.COI	MLG1608S R18J-T	T	41.9/35.7
L24	6200012170	S.COI	MLG1608S R18J-T	T	45.2/34.2
L31	6200013810	S.COI	MLK1005S33NJT	T	53.8/17.7
L32	6200013810	S.COI	MLK1005S33NJT	B	53.4/19.3
L33	6200013830	S.COI	MLK1005S22NJT	T	59.2/18.3
L35	6190002030	S.COI	MLG1608S 1R0J-T	B	59.8/25.7
L36	6200013581	S.COI	0.30-0.9-4TR 8.6J <COMO>	T	54.2/26.1
L37	6200011860	S.COI	LQW18ANR47G00D	T	56.5/28.8
L40	6200014240	S.COI	0.30-0.9-3TR 5.8J <COMO>	T	64.0/24.9
L41	6200011860	S.COI	LQW18ANR47G00D	T	58.9/27.4
L42	6200011860	S.COI	LQW18ANR47G00D	T	60.5/28.8
L46	6200013840	S.COI	MLK1005S18NJT	B	48.9/20.0
L48	6200013990	S.COI	MLK1005S1N0ST	B	32.7/13.1
L51	6200014170	S.COI	VLCF4028T-4R7N1R5-2	T	96.5/14.3
L900	6200014160	S.COI	VLCF4028T-100M1R0-2	T	77.6/42.9
L901	6200007830	S.COI	ELJFC 4R7K-F	B	84.5/48.0
R1	7030005070	S.RES	ERJ2GEJ 683 X (68K)	B	7.2/5.5
R2	7030009140	S.RES	ERJ2GEJ 272 X (2.7K)	B	12.2/8.9
R3	7030005120	S.RES	ERJ2GEJ 102 X (1K)	B	13.5/8.4
R4	7030005120	S.RES	ERJ2GEJ 102 X (1K)	B	13.5/10.0
R5	7030009140	S.RES	ERJ2GEJ 272 X (2.7K)	B	12.2/10.9
R6	7030004990	S.RES	ERJ2GEJ 221 X (220)	B	20.3/17.9
R8	7030005220	S.RES	ERJ2GEJ 223 X (22K)	T	31.1/5.7
R9	7030005050	S.RES	ERJ2GEJ 103 X (10K)	T	31.1/6.6
R10	7030005090	S.RES	ERJ2GEJ 104 X (100K)	T	32.2/11.1
R11	7030005080	S.RES	ERJ2GEJ 823 X (82K)	T	30.1/11.1
R12	7030005170	S.RES	ERJ2GEJ 474 X (470K)	T	32.8/5.7
R13	7030005530	S.RES	ERJ2GEJ 100 X (10)	T	34.8/9.9
R14	7030008280	S.RES	ERJ2GEJ 271 X (270)	T	35.4/7.5
R15	7030005120	S.RES	ERJ2GEJ 102 X (1K)	T	36.3/7.5
R16	7030005050	S.RES	ERJ2GEJ 103 X (10K)	T	29.4/7.1
R21	7030005530	S.RES	ERJ2GEJ 100 X (10)	B	33.2/10.8
R22	7030005040	S.RES	ERJ2GEJ 472 X (4.7K)	B	34.1/9.2
R23	7030005060	S.RES	ERJ2GEJ 333 X (33K)	B	35.0/9.2
R24	7030004970	S.RES	ERJ2GEJ 470 X (47)	B	38.2/10.8
R27	7030005040	S.RES	ERJ2GEJ 472 X (4.7K)	B	38.2/9.2
R29	7030004970	S.RES	ERJ2GEJ 470 X (47)	B	41.0/9.8
R30	7030005220	S.RES	ERJ2GEJ 223 X (22K)	B	41.8/15.1
R31	7030004980	S.RES	ERJ2GEJ 101 X (100)	B	45.5/9.8
R32	7030005220	S.RES	ERJ2GEJ 223 X (22K)	B	45.8/15.2
R33	7030005050	S.RES	ERJ2GEJ 103 X (10K)	B	49.6/13.1
R34	7030004980	S.RES	ERJ2GEJ 101 X (100)	B	49.6/14.0
R35	7030005040	S.RES	ERJ2GEJ 472 X (4.7K)	B	51.7/16.6
R41	7030005530	S.RES	ERJ2GEJ 100 X (10)	T	57.4/17.7
R42	7030005070	S.RES	ERJ2GEJ 683 X (68K)	T	57.4/19.3
R43	7030004980	S.RES	ERJ2GEJ 101 X (100)	B	55.4/16.2
R44	7030005090	S.RES	ERJ2GEJ 104 X (100K)	B	55.4/20.7

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

[MAIN-A UNIT] (For [400 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R45	7030004980	S.RES ERJ2GEJ 101 X (100)	T	63.2/17.9
R46	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	62.8/19.3
R51	7030005000	S.RES ERJ2GEJ 471 X (470)	B	54.5/24.5
R52	7030005000	S.RES ERJ2GEJ 471 X (470)	B	61.1/22.8
R53	7030006020	S.RES RR0510P-682-D (6.8K)	T	58.3/23.8
R54	7030006020	S.RES RR0510P-682-D (6.8K)	T	58.1/25.4
R55	7030006020	S.RES RR0510P-682-D (6.8K)	T	59.5/23.8
R56	7030006020	S.RES RR0510P-682-D (6.8K)	T	60.3/25.1
R57	7030010040	S.RES ERJ2GEJ-JPW	T	61.9/24.2
R58	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	62.4/28.0
R59	7030005700	S.RES ERJ2GEJ 274 X (270K)	B	62.4/26.4
R62	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	68.0/27.2
R64	7030005530	S.RES ERJ2GEJ 100 X (10)	T	64.2/26.4
R65	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	65.3/29.6
R66	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	65.3/28.7
R67	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	60.5/18.0
R68	7030005170	S.RES ERJ2GEJ 474 X (470K)	B	63.7/30.5
R69	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	65.3/30.5
R70	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	63.7/31.4
R71	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	49.1/28.7
R72	7030004980	S.RES ERJ2GEJ 101 X (100)	B	51.1/27.9
R73	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	65.3/32.3
R74	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	63.7/32.3
R76	7030005710	S.RES ERJ2GEJ 121 X (120)	T	48.4/25.0
R77	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	46.7/25.9
R78	7030010040	S.RES ERJ2GEJ-JPW	T	46.7/23.8
R79	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	T	46.7/25.0
R80	7410001130	S.ARR EXB28V102JX	T	41.9/27.8
R81	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	46.4/22.0
R82	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	40.1/18.8
R83	7030005580	S.RES ERJ2GEJ 560 X (56)	T	43.8/19.3
R84	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	40.1/23.7
R87	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	63.5/27.7
R88	7510001730	S.THE ERTJOEP 473J	T	58.3/10.6
R89	7030010080	S.RES ERJ2RHD 1003X (100K)	B	55.4/12.4
R101	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	28.0/32.1
R102	7030005170	S.RES ERJ2GEJ 474 X (470K)	B	25.7/33.3
R103	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	28.0/30.9
R104	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	20.1/22.9
R105	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	20.1/27.2
R106	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	18.3/29.0
R107	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	20.2/31.0
R108	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	19.2/29.0
R109	7030005530	S.RES ERJ2GEJ 100 X (10)	B	21.2/31.0
R110	7030004980	S.RES ERJ2GEJ 101 X (100)	B	22.1/25.4
R112	7030004970	S.RES ERJ2GEJ 470 X (47)	B	25.8/25.4
R113	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	24.2/28.5
R114	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	27.4/26.8
R115	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	31.0/26.8
R116	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	34.5/28.8
R117	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	33.4/23.9
R118	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	36.4/23.9
R119	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	36.1/27.9
R120	7030005710	S.RES ERJ2GEJ 121 X (120)	B	39.1/23.9
R121	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	41.0/26.3
R122	7030004970	S.RES ERJ2GEJ 470 X (47)	B	41.9/23.9
R123	7030010040	S.RES ERJ2GEJ-JPW	T	71.2/30.6
R126	7030004980	S.RES ERJ2GEJ 101 X (100)	B	39.5/40.8
R127	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	37.9/40.8
R128	7030005010	S.RES ERJ2GEJ 681 X (680)	B	39.1/44.4
R132	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	47.4/17.6
R134	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	92.8/15.6
R135	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	T	43.1/37.7
R136	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	T	42.9/38.9
R138	7030005000	S.RES ERJ2GEJ 471 X (470)	B	43.0/35.5
R139	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	48.3/35.5
R140	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	B	46.5/34.6
R141	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	46.5/33.7
R142	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	46.5/31.9
R146	7030004970	S.RES ERJ2GEJ 470 X (47)	B	45.6/44.0
R147	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	47.1/42.2
R148	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	40.9/33.7
R149	7030007060	S.RES ERJ2GEJ 684X (680K)	T	41.5/32.3
R151	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	51.7/39.0
R152	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	53.9/35.1
R153	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	55.5/38.7
R154	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	57.8/36.9
R155	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	58.8/39.8
R156	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	20.1/21.9
R157	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	31.0/25.1
R158	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	59.7/35.7
R159	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	29.7/23.8
R161	7030008300	S.RES ERJ2GEJ 184 X (180K)	B	62.4/42.8
R162	7030004980	S.RES ERJ2GEJ 101 X (100)	B	64.0/42.8
R163	7030004980	S.RES ERJ2GEJ 101 X (100)	B	69.7/46.4
R164	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	67.3/41.0
R165	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	65.7/44.6
R166	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	B	65.7/43.7
R167	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	65.7/42.8
R169	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	64.0/41.0
R171	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	36.6/27.4
R172	7030005530	S.RES ERJ2GEJ 100 X (10)	B	39.2/31.1
R173	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	41.5/32.3
R174	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	38.3/38.8
R175	7030008370	S.RES ERJ2GEJ 561 X (560)	B	35.1/38.8
R176	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	35.5/40.6
R177	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	40.1/40.7
R178	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	T	39.2/40.7
R181	7030007270	S.RES ERJ2GEJ 151 X (150)	T	35.5/29.6
R182	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	34.0/28.4
R183	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	37.8/41.1
R184	7030005530	S.RES ERJ2GEJ 100 X (10)	T	37.8/39.3
R185	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	68.8/32.4
R186	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	70.4/31.5
R187	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	67.6/36.3

[MAIN-A UNIT] (For [400 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R188	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	67.6/34.7
R189	7030004980	S.RES ERJ2GEJ 101 X (100)	T	68.9/36.8
R190	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	65.7/46.4
R243	7030005530	S.RES ERJ2GEJ 100 X (10)	B	82.1/21.9
R244	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	83.0/21.9
R357	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	58.7/9.8
R358	7030009280	S.RES ERJ2GEJ 391 X	B	56.0/8.7
R359	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	56.0/10.5
R360	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	56.0/9.6
R361	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	B	24.8/41.7
R362	7030005060	S.RES ERJ2GEJ 333 X (33K)	B	51.6/7.5
R363	7030005000	S.RES ERJ2GEJ 471 X (470)	B	58.3/8.6
R364	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	55.3/2.2
R365	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	26.2/38.9
R366	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	57.8/12.4
R367	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	53.6/2.2
R368	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	58.3/12.5
R369	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	63.5/10.6
R370	7030005170	S.RES ERJ2GEJ 474 X (470K)	T	68.0/14.1
R371	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	60.3/11.6
R372	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	60.3/10.7
R373	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	75.4/11.6
R388	7030011120	S.RES ERJ2RHD 2702X (27.0K)	T	73.9/20.9
R389	7030012510	S.RES ERJ2RHD 3901X (3.90K)	T	71.0/20.2
R390	7030012520	S.RES ERJ2RHD 8201X (8.20K)	T	71.4/21.5
R393	7030005170	S.RES ERJ2GEJ 474 X (470K)	B	61.7/8.9
R394	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	59.9/7.3
R395	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	60.8/8.9
R396	7030008300	S.RES ERJ2GEJ 184 X (180K)	B	60.8/7.3
R397	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	60.6/5.7
R398	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	61.7/7.3
R405	7030011290	S.RES ERJ12YJ1R8U (1.8)	T	31.5/35.6
R406	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	12.6/45.7
R408	7030004980	S.RES ERJ2GEJ 101 X (100)	B	35.6/46.3
R412	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	15.9/39.5
R413	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	18.6/34.7
R414	7030005230	S.RES ERJ2GEJ 334 X (330K)	B	20.6/34.1
R416	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	21.5/36.0
R417	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	21.3/37.3
R418	7030009280	S.RES ERJ2GEJ 391 X	B	19.8/37.9
R420	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	89.8/25.2
R421	7210003390	VAR F081165S-5 A10K L15FCX7 <SLVJ>		
R422	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	64.6/6.9
R423	7030012530	S.RES ERJ2RHD 3302X (33.0K)	T	6.2/36.5
R424	7030012540	S.RES ERJ2RHD 1502X (15.0K)	T	4.8/38.4
R426	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	T	66.4/3.5
R427	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	64.8/3.5
R428	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	64.8/5.5
R429	7030008310	S.RES ERJ2GEJ 564 X (560K)	T	66.4/5.5
R430	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	63.2/4.5
R431	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	68.9/15.7
R432	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	68.9/17.3
R433	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	67.8/37.8
R434	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	68.7/37.8
R435	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	70.6/14.4
R436	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	72.2/14.0
R437	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	15.0/37.0
R439	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	63.2/5.5
R440	7030009280	S.RES ERJ2GEJ 391 X	B	17.4/43.5
R441	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	18.6/33.8
R442	7030007280	S.RES ERJ2GEJ 331 X (330)	B	21.5/35.1
R444	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	90.3/12.5
R451	7030005060	S.RES ERJ2GEJ 333 X (33K)	T	24.7/30.5
R452	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	21.3/28.9
R453	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	21.3/28.0
R454	7030005310	S.RES ERJ2GEJ 124 X (120K)	T	23.0/30.5
R455	7030010040	S.RES ERJ2GEJ-JPW	T	21.3/31.4
R468	7030005010	S.RES ERJ2GEJ 681 X (680)	T	75.6/19.8
R469	7030008280	S.RES ERJ2GEJ 271 X (270)	T	77.5/20.4
R491	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	71.1/8.3
R492	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	T	72.0/3.7
R493	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	70.3/4.6
R494	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	70.3/5.5
R495	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	70.7/7.1
R496	7030005080	S.RES ERJ2GEJ 823 X (82K)	T	73.7/5.5
R497	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	66.4/13.0
R498	7030008290	S.RES ERJ2GEJ 183 X (18K)	T	71.6/14.5
R499	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	72.3/8.9
R500	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	70.2/9.9
R502	7030005170	S.RES ERJ2GEJ 474 X (470K)	B	69.3/9.9
R503	7030004980	S.RES ERJ2GEJ 101 X (100)	B	61.9/11.6
R504	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	67.3/13.0
R517	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	63.3/13.5
R518	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	62.1/14.8
R527	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	64.6/13.0
R610	7030005080	S.RES ERJ2GEJ 823 X (82K)	T	65.3/13.0
R611	7030010040	S.RES ERJ2GEJ-JPW	T	64.6/10.6
R612	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	64.6/8.6
R614	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	62.1/13.1
R615	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	69.6/6.2
R616	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	68.4/8.3
R618	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	67.4/3.9
R619	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	68.4/5.1
R620	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	92.7/10.0
R621	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	93.6/10.0
R622	7030008290	S.RES ERJ2GEJ 183 X (18K)	T	92.7/8.0
R623	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	T	6.4/46.2
R624	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	90.3/10.9
R625	7030005700	S.RES ERJ2GEJ 274 X (270K)	B	7.8/37.2
R626	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	6.2/37.2
R627	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	77.5/21.3
R628	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	88.1/15.7
R630	7030010040	S.RES ERJ2GEJ-JPW	B	63.3/15.2
R631	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	85.3/25.0

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

[MAIN-A UNIT] (For [400 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R632	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	82.9/23.1
R633	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	85.7/21.9
R634	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	82.7/11.4
R635	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	88.1/14.8
R636	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	88.1/13.9
R637	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	91.4/21.3
R638	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	77.4/16.1
R639	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	78.6/15.7
R640	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	74.8/13.1
R641	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	77.5/22.2
R646	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	93.0/22.8
R647	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	90.3/20.9
R651	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	86.5/13.4
R652	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	90.5/22.1
R653	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	84.8/21.9
R657	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	84.9/13.1
R661	7410001130	S.ARR EXB28V102JX	B	90.9/12.3
R662	7410001130	S.ARR EXB28V102JX	B	90.9/14.8
R663	7410001130	S.ARR EXB28V102JX	B	88.4/22.3
R664	7410001150	S.ARR EXB28V471JX	B	80.2/22.3
R665	7410001130	S.ARR EXB28V102JX	B	77.2/22.3
R666	7410001130	S.ARR EXB28V102JX	B	75.3/11.1
R667	7410001130	S.ARR EXB28V102JX	B	79.4/6.4
R668	7410001130	S.ARR EXB28V102JX	B	82.4/6.4
R669	7410001130	S.ARR EXB28V102JX	B	85.2/6.4
R683	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	90.7/19.7
R688	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	81.0/13.1
R691	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	83.1/12.6
R692	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	92.3/20.4
R693	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	93.6/21.9
R694	7030012540	S.RES ERJ2RHD 1502X (15.0K)	B	91.9/20.8
R904	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	73.6/30.0
R905	7030007250	S.RES ERJ2GEJ 220 X (22)	T	75.2/33.2
R906	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	T	75.2/34.1
R907	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	76.1/30.2
R908	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	71.6/31.9
R909	7030004980	S.RES ERJ2GEJ 101 X (100)	B	76.1/29.3
R910	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	79.4/32.9
R911	7030010040	S.RES ERJ2GEJ-JPW	B	83.3/33.6
R912	7030004980	S.RES ERJ2GEJ 101 X (100)	B	85.2/29.5
R913	7030004980	S.RES ERJ2GEJ 101 X (100)	B	85.2/30.4
R914	7030010040	S.RES ERJ2GEJ-JPW	B	75.9/42.5
R915	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	84.8/34.2
R916	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	79.0/38.0
R917	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	85.6/32.1
R918	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	81.5/28.6
R919	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	80.0/29.8
R920	7030010040	S.RES ERJ2GEJ-JPW	B	82.4/28.6
R921	7030010040	S.RES ERJ2GEJ-JPW	T	79.8/31.7
R922	7030004980	S.RES ERJ2GEJ 101 X (100)	B	85.5/35.2
R923	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	72.3/46.3
R925	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	75.5/49.3
R930	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	83.0/28.9
R931	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	82.1/28.2
R932	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	82.1/29.8
R933	7030004970	S.RES ERJ2GEJ 470 X (47)	B	72.3/45.4
R934	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	76.9/48.6
R935	7030004970	S.RES ERJ2GEJ 470 X (47)	B	81.4/48.6
R936	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	79.6/48.6
R937	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	78.7/48.6
R938	7030004980	S.RES ERJ2GEJ 101 X (100)	B	79.9/43.8
R939	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	79.9/42.0
R940	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	76.8/41.8
R941	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	77.7/42.5
R945	7410001140	S.ARR EXB28V104JX	T	86.5/43.9
R946	7410001140	S.ARR EXB28V104JX	B	82.9/41.4
R947	7410001140	S.ARR EXB28V104JX	B	92.3/37.0
R948	7410001140	S.ARR EXB28V104JX	B	87.8/35.8
R949	7410001140	S.ARR EXB28V104JX	B	93.9/33.0
R950	7410001140	S.ARR EXB28V104JX	B	88.4/33.0
R951	7410001140	S.ARR EXB28V104JX	T	84.8/29.3
R952	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	78.1/36.8
R953	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	78.8/37.7
R956	7030010040	S.RES ERJ2GEJ-JPW	B	96.3/32.9
R957	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	94.7/30.9
R958	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	85.7/42.4
R961	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	90.9/30.9
R962	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	89.5/28.4
R963	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	95.4/32.9
R964	7410001140	S.ARR EXB28V104JX	B	85.9/39.4
R965	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	78.8/29.8
R966	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	77.9/29.8
R968	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	88.9/18.3
R969	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	88.2/19.7
R970	7030010040	S.RES ERJ2GEJ-JPW	B	71.4/38.1
R971	7030010040	S.RES ERJ2GEJ-JPW	B	75.3/38.0
R972	7030010040	S.RES ERJ2GEJ-JPW	B	74.0/38.6
R973	7030004970	S.RES ERJ2GEJ 470 X (47)	B	84.7/36.7
R974	7030004970	S.RES ERJ2GEJ 470 X (47)	B	82.5/37.7
C1	4030017550	S.CER C1005 CH 1H 1R5B-T	B	8.5/5.7
C2	4030017600	S.CER C1005 CH 1H 080C-T	B	10.6/5.7
C3	4030017340	S.CER C1005 CH 1H 010B-T	B	12.2/8.0
C4	4030017550	S.CER C1005 CH 1H 1R5B-T	B	8.9/10.5
C5	4030017590	S.CER C1005 CH 1H 070C-T	B	10.7/14.9
C6	4030017340	S.CER C1005 CH 1H 010B-T	B	12.2/10.0
C7	4030017460	S.CER C1005 JB 1H 102K-T	B	14.7/9.5
C8	4030017560	S.CER C1005 CH 1H 2R5B-T	B	12.4/14.9
C9	4030017360	S.CER C1005 CH 1H 030B-T	B	12.4/15.8
C10	4030017460	S.CER C1005 JB 1H 102K-T	B	14.8/13.5
C11	4030017460	S.CER C1005 JB 1H 102K-T	B	16.4/13.5
C12	4030017610	S.CER C1005 CH 1H 090C-T	B	17.2/12.0
C13	4030017640	S.CER C1005 CH 1H 150J-T	B	19.7/11.8
C14	4030007060	S.CER C1608 CH 1H 270J-T	B	21.4/10.3

[MAIN-A UNIT] (For [400 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C18	4030017460	S.CER C1005 JB 1H 102K-T	B	19.8/19.2
C19	4030017460	S.CER C1005 JB 1H 102K-T	B	18.2/19.2
C26	4030017460	S.CER C1005 JB 1H 102K-T	T	29.4/5.7
C27	4030017460	S.CER C1005 JB 1H 102K-T	T	37.2/5.7
C28	4030017460	S.CER C1005 JB 1H 102K-T	T	33.9/11.5
C30	4030018890	S.CER C1005 JB 0J 224K-T	T	32.8/6.6
C31	4030016930	S.CER C1005 JB 1A 104K-T	T	34.8/11.5
C32	4030017460	S.CER C1005 JB 1H 102K-T	T	35.7/9.9
C33	4030017460	S.CER C1005 JB 1H 102K-T	T	37.2/7.5
C34	4030018910	S.CER C1608 JB 0J 475K-T	T	37.2/9.6
C35	4030017460	S.CER C1005 JB 1H 102K-T	B	37.3/9.2
C36	4030017420	S.CER C1005 CH 1H 470J-T	B	23.8/16.1
C37	4030017720	S.CER C1005 JB 1H 331K-T	B	24.7/16.1
C38	4030017460	S.CER C1005 JB 1H 102K-T	B	32.7/15.1
C39	4030017420	S.CER C1005 CH 1H 470J-T	B	32.7/14.1
C45	4030017420	S.CER C1005 CH 1H 470J-T	B	32.7/12.1
C47	4030017720	S.CER C1005 JB 1H 331K-T	B	32.3/9.2
C48	4030017420	S.CER C1005 CH 1H 470J-T	B	23.6/19.7
C49	4030017460	S.CER C1005 JB 1H 102K-T	B	21.2/19.7
C50	4030017420	S.CER C1005 CH 1H 470J-T	T	22.1/17.8
C51	4030017570	S.CER C1005 CH 1H 040B-T	B	39.1/14.2
C52	4030017460	S.CER C1005 JB 1H 102K-T	B	41.0/8.9
C53	4030017720	S.CER C1005 JB 1H 331K-T	B	42.6/10.7
C54	4030017460	S.CER C1005 JB 1H 102K-T	B	42.6/8.9
C55	4030017620	S.CER C1005 CH 1H 100C-T	B	39.1/12.5
C57	4030017720	S.CER C1005 JB 1H 331K-T	B	37.3/10.8
C59	4030017380	S.CER C1005 CH 1H 050B-T	B	43.7/14.0
C60	4030017420	S.CER C1005 CH 1H 470J-T	B	45.5/8.9
C61	4030017460	S.CER C1005 JB 1H 102K-T	B	47.1/11.6
C62	4030017600	S.CER C1005 CH 1H 080C-T	B	45.5/11.6
C63	4030017380	S.CER C1005 CH 1H 050B-T	B	47.4/15.2
C64	4030017460	S.CER C1005 JB 1H 102K-T	B	49.6/12.1
C65	4030017460	S.CER C1005 JB 1H 102K-T	B	51.2/14.0
C66	4030017350	S.CER C1005 CH 1H 020B-T	T	60.1/17.7
C67	4030017350	S.CER C1005 CH 1H 020B-T	B	51.7/15.7
C68	4030017460	S.CER C1005 JB 1H 102K-T	T	23.0/17.8
C71	4030017620	S.CER C1005 CH 1H 100C-T	T	52.9/17.7
C72	4030017460	S.CER C1005 JB 1H 102K-T	B	57.1/16.2
C73	4030017460	S.CER C1005 JB 1H 102K-T	T	53.8/19.3
C74	4030017380	S.CER C1005 CH 1H 050B-T	T	58.3/19.3
C75	4030017420	S.CER C1005 CH 1H 470J-T	B	47.1/10.7
C76	4030017460	S.CER C1005 JB 1H 102K-T	B	55.4/17.1
C77	4030017460	S.CER C1005 JB 1H 102K-T	T	64.6/19.3
C78	4030017460	S.CER C1005 JB 1H 102K-T	T	59.2/19.9
C79	4030016930	S.CER C1005 JB 1A 104K-T	B	66.1/18.1
C80	4030017720	S.CER C1005 JB 1H 331K-T	B	64.4/23.2
C81	4030017360	S.CER C1005 CH 1H 030B-T	T	58.3/17.7
C82	4030017420	S.CER C1005 CH 1H 470J-T	B	53.6/20.7
C83	4030017540	S.CER C1005 CH 1H R75B-T	T	58.3/22.2
C84	4030017720	S.CER C1005 JB 1H 331K-T	T	54.4/22.7
C85	4030017460	S.CER C1005 JB 1H 102K-T	T	54.4/21.8
C86	4030017380	S.CER C1005 CH 1H 050B-T	T	56.5/24.5
C87	4030017390	S.CER C1005 CH 1H 180J-T	T	54.4/23.6
C88	4030017620	S.CER C1005 CH 1H 100C-T	T	56.5/25.4
C89	4030017630	S.CER C1005 CH 1H 120J-T	T	56.1/26.6
C90	4030017530	S.CER C1005 CH 1H 0R5B-T	T	53.5/27.7
C91	4030018860	S.CER C1005 JB 0J 105K-T	B	60.1/29.6
C92	4030017640	S.CER C1005 CH 1H 150J-T	T	55.1/27.7
C93	4030017720	S.CER C1005 JB 1H 331K-T	B	56.5/30.6
C94	4030017420	S.CER C1005 CH 1H 470J-T	B	50.1/25.7
C95	4030017420	S.CER C1005 CH 1H 470J-T	B	42.6/8.0
C101	4030017530	S.CER C1005 CH 1H 0R5B-T	T	59.5/22.2
C102	4030017460	S.CER C1005 JB 1H 102K-T	T	64.2/20.6
C103	4030017420	S.CER C1005 CH 1H 470J-T	T	64.2/21.5
C104	4030017380	S.CER C1005 CH 1H 050B-T	T	60.4/23.8
C105	4030017620	S.CER C1005 CH 1H 100C-T	T	64.2/22.4
C106	4030017630	S.CER C1005 CH 1H 120J-T	T	61.9/25.1
C107	4030017630	S.CER C1005 CH 1H 120J-T	T	60.6/27.4
C108	4030017360	S.CER C1005 CH 1H 030B-T	T	64.2/23.3
C109	4030017460	S.CER C1005 JB 1H 102K-T	B	61.5/24.9
C110	4030017530	S.CER C1005 CH 1H 0R5B-T	T	62.6/26.4
C111	4030017600	S.CER C1005 CH 1H 080C-T	T	61.5/27.4
C112	4030017460	S.CER C1005 JB 1H 102K-T	B	58.5/29.0
C116	4030018860	S.CER C1005 JB 0J 105K-T	B	63.7/29.6
C117	4030017910	S.CER C1005 JB 1H 152K-T	B	62.1/29.6
C118	4030017420	S.CER C1005 CH 1H 470J-T	B	66.5/29.1
C119	4550006270	S.TAN TEESVP 1A 105M8R	B	60.3/27.3
C120	4030017460	S.CER C1005 JB 1H 102K-T	B	62.1/31.4
C121	4030019560	S.CER GRM21BB31C106KE15L	B	59.9/19.7
C122	4030016790	S.CER C1005 JB 1E 103K-T	B	65.0/15.5
C123	4030017460	S.CER C1005 JB 1H 102K-T	B	47.0/29.0
C124	4030017460	S.CER C1005 JB 1H 102K-T	B	65.3/31.4
C127	4030017460	S.CER C1005 JB 1H 102K-T	T	63.0/33.8
C132	4550000560	S.TAN TEESVA 1V 334M8R	T	48.3/21.4
C134	4550003250	S.TAN TEESVA 1V 474M8R	T	46.7/29.8
C141	4030017580	S.CER C1005 CH 1H 060C-T	B	51.5/20.0
C144	4030017430	S.CER C1005 CH 1H 101J-T	T	43.3/20.5
C145	4030018890	S.CER C1005 JB 0J 224K-T	T	42.4/20.5
C146	4030018890	S.CER C1005 JB 0J 224K-T	T	41.5/20.5
C147	4030017460	S.CER C1005 JB 1H 102K-T	T	46.4/21.1
C148	4030019560	S.CER GRM21BB31C106KE15L	B	44.0/26.2
C149	4030017430	S.CER C1005 CH 1H 101J-T	T	44.2/20.5
C150	4030016790	S.CER C1005 JB 1E 103K-T	T	43.9/28.1
C151	4030017430	S.CER C1005 CH 1H 101J-T	T	43.9/27.2
C152	4030017460	S.CER C1005 JB 1H 102K-T	T	43.9/29.0
C153	4030017420	S.CER C1005 CH 1H 470J-T	T	43.1/30.4
C154	4030017420	S.CER C1005 CH 1H 470J-T	T	42.2/30.4
C155	4030017420	S.CER C1005 CH 1H 470J-T	T	41.3/30.4
C156	4030016930	S.CER C1005 JB 1A 104K-T	T	40.4/30.4
C157	4030017460	S.CER C1005 JB 1H 102K-T	T	41.0/18.8
C158	4030017620	S.CER C1005 CH 1H 100C-T	T	39.2/18.8
C159	4030016930	S.CER C1005 JB 1A 104K-T	T	40.1/11.0
C160	4030017460	S.CER C1005 JB 1H 102K-T	T	41.9/11.0
C167	4030017590	S.CER C1005 CH 1H 070C-T	B	49.3/21.3
C168	4030017590	S.CER C1005 CH 1H 070C-T	B	48.4/21.3

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

[MAIN-A UNIT] (For [400 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C171	4030017570	S.CER C1005 CH 1H 040B-T	B	15.3/16.0
C172	4030017350	S.CER C1005 CH 1H 020B-T	B	15.3/17.2
C173	4030017460	S.CER C1005 JB 1H 102K-T	B	13.9/18.8
C175	4030017420	S.CER C1005 CH 1H 470J-T	B	13.9/20.5
C176	4030017650	S.CER C1005 CH 1H 270J-T	B	15.8/23.9
C177	4030017600	S.CER C1005 CH 1H 080C-T	B	15.8/24.8
C178	4030017350	S.CER C1005 CH 1H 020B-T	B	14.5/25.2
C179	4030017580	S.CER C1005 CH 1H 060C-T	B	15.8/25.7
C180	4030017660	S.CER C1005 CH 1H 330J-T	B	15.8/26.6
C181	4030017590	S.CER C1005 CH 1H 070C-T	B	17.4/29.0
C182	4030017460	S.CER C1005 JB 1H 102K-T	B	21.7/21.9
C183	4030017460	S.CER C1005 JB 1H 102K-T	B	20.1/25.4
C184	4030016930	S.CER C1005 JB 1A 104K-T	B	20.1/26.3
C186	4030016930	S.CER C1005 JB 1A 104K-T	B	19.2/31.0
C188	4030017460	S.CER C1005 JB 1H 102K-T	B	23.2/31.0
C189	4030017460	S.CER C1005 JB 1H 102K-T	B	23.9/25.4
C192	4030017460	S.CER C1005 JB 1H 102K-T	B	23.9/27.2
C194	4030017460	S.CER C1005 JB 1H 102K-T	B	22.1/27.2
C195	4030017350	S.CER C1005 CH 1H 020B-T	B	23.2/28.5
C196	4030017630	S.CER C1005 CH 1H 120J-T	B	27.4/28.5
C197	4030017530	S.CER C1005 CH 1H 0R5B-T	B	29.2/28.9
C198	4030017630	S.CER C1005 CH 1H 120J-T	B	31.0/28.5
C199	4030017350	S.CER C1005 CH 1H 020B-T	B	34.4/26.4
C200	4030017640	S.CER C1005 CH 1H 150J-T	B	34.5/27.9
C201	4030017460	S.CER C1005 JB 1H 102K-T	B	31.4/23.8
C203	4030016930	S.CER C1005 JB 1A 104K-T	B	29.7/24.7
C206	4030017420	S.CER C1005 CH 1H 470J-T	B	47.4/16.6
C208	4030017350	S.CER C1005 CH 1H 020B-T	B	36.4/20.7
C209	4030017350	S.CER C1005 CH 1H 020B-T	B	35.4/22.3
C210	4030017380	S.CER C1005 CH 1H 050B-T	B	35.4/23.9
C211	4030017460	S.CER C1005 JB 1H 102K-T	B	34.4/22.3
C213	4030017420	S.CER C1005 CH 1H 470J-T	B	38.2/23.9
C214	4030017460	S.CER C1005 JB 1H 102K-T	B	37.3/23.9
C215	4030017390	S.CER C1005 CH 1H 180J-T	B	41.9/26.3
C216	4030017460	S.CER C1005 JB 1H 102K-T	B	41.0/23.9
C217	4030016790	S.CER C1005 JB 1E 103K-T	B	40.1/23.9
C218	4030016790	S.CER C1005 JB 1E 103K-T	B	37.3/28.1
C221	4030017420	S.CER C1005 CH 1H 470J-T	B	36.1/28.8
C223	4030017460	S.CER C1005 JB 1H 102K-T	B	41.9/22.3
C224	4030017460	S.CER C1005 JB 1H 102K-T	B	45.7/17.6
C225	4030016790	S.CER C1005 JB 1E 103K-T	T	39.5/38.8
C226	4030016790	S.CER C1005 JB 1E 103K-T	B	37.3/44.4
C227	4030016790	S.CER C1005 JB 1E 103K-T	B	36.3/40.8
C231	4030017430	S.CER C1005 CH 1H 101J-T	B	40.6/42.6
C232	4030017660	S.CER C1005 CH 1H 330J-T	T	42.0/38.9
C233	4030017420	S.CER C1005 CH 1H 470J-T	B	41.1/39.0
C235	4030019560	S.CER GRM21BB31C106KE15L	B	44.5/42.6
C236	4030017460	S.CER C1005 JB 1H 102K-T	B	47.1/43.1
C238	4030017460	S.CER C1005 JB 1H 102K-T	B	41.1/40.1
C239	4030017720	S.CER C1005 JB 1H 331K-T	T	43.1/40.1
C240	4030017460	S.CER C1005 JB 1H 102K-T	B	44.7/35.5
C241	4030017660	S.CER C1005 CH 1H 330J-T	B	46.5/32.8
C242	4030017700	S.CER C1005 CH 1H 151J-T	B	48.3/34.6
C243	4030017700	S.CER C1005 CH 1H 151J-T	B	46.5/35.5
C244	4030016930	S.CER C1005 JB 1A 104K-T	B	50.2/37.0
C246	4030019460	S.CER C1608 JB 0J 106M-T	T	68.8/30.7
C247	4030017670	S.CER C1005 CH 1H 390J-T	T	70.4/32.4
C248	4030016930	S.CER C1005 JB 1A 104K-T	T	68.9/37.7
C251	4030017360	S.CER C1005 CH 1H 030B-T	T	44.1/36.8
C252	4030017500	S.CER C1005 CH 1H 560J-T	T	42.5/36.8
C253	4030017580	S.CER C1005 CH 1H 060C-T	T	44.1/35.9
C254	4030017500	S.CER C1005 CH 1H 560J-T	T	42.6/34.6
C255	4030016790	S.CER C1005 JB 1E 103K-T	T	45.1/32.1
C256	4030017620	S.CER C1005 CH 1H 100C-T	T	39.2/23.7
C257	4030016790	S.CER C1005 JB 1E 103K-T	T	40.9/34.6
C261	4030016790	S.CER C1005 JB 1E 103K-T	B	50.5/38.6
C262	4030016790	S.CER C1005 JB 1E 103K-T	B	50.2/40.7
C263	4030016790	S.CER C1005 JB 1E 103K-T	B	57.1/41.5
C264	4030016790	S.CER C1005 JB 1E 103K-T	B	53.9/36.0
C265	4030016790	S.CER C1005 JB 1E 103K-T	B	58.7/36.9
C266	4030016930	S.CER C1005 JB 1A 104K-T	B	56.3/37.5
C267	4030016930	S.CER C1005 JB 1A 104K-T	B	58.1/35.7
C271	4030016930	S.CER C1005 JB 1A 104K-T	B	61.5/43.8
C272	4030016930	S.CER C1005 JB 1A 104K-T	B	62.4/41.9
C273	4030016930	S.CER C1005 JB 1A 104K-T	B	65.7/45.5
C274	4030016930	S.CER C1005 JB 1A 104K-T	B	68.9/42.0
C275	4030017040	S.CER C1005 JB 1A 333K-T	B	68.1/46.4
C276	4030017650	S.CER C1005 CH 1H 270J-T	B	67.3/42.0
C277	4030016930	S.CER C1005 JB 1A 104K-T	B	65.7/41.0
C282	4030016790	S.CER C1005 JB 1E 103K-T	B	40.8/31.1
C283	4030017580	S.CER C1005 CH 1H 060C-T	B	39.0/35.3
C284	4030016790	S.CER C1005 JB 1E 103K-T	B	36.7/38.8
C286	4030016790	S.CER C1005 JB 1E 103K-T	T	34.9/28.4
C287	4030017570	S.CER C1005 CH 1H 040B-T	T	37.1/29.6
C288	4030017610	S.CER C1005 CH 1H 090C-T	T	39.9/32.3
C290	4030016790	S.CER C1005 JB 1E 103K-T	T	37.8/40.2
C291	4030016930	S.CER C1005 JB 1A 104K-T	B	42.4/32.3
C292	4030016930	S.CER C1005 JB 1A 104K-T	T	38.3/44.1
C293	4030017460	S.CER C1005 JB 1H 102K-T	T	40.1/42.4
C311	4030018860	S.CER C1005 JB 0J 105K-T	T	24.7/31.4
C312	4030017710	S.CER C1005 CH 1H 181J-T	T	23.0/31.4
C313	4030016930	S.CER C1005 JB 1A 104K-T	T	21.3/27.1
C318	4030016790	S.CER C1005 JB 1E 103K-T	B	73.7/20.5
C319	4030016930	S.CER C1005 JB 1A 104K-T	B	75.4/23.6
C322	4030018860	S.CER C1005 JB 0J 105K-T	B	75.3/5.1
C323	4030016930	S.CER C1005 JB 1A 104K-T	B	68.4/9.9
C324	4030017740	S.CER C1005 JB 1H 821K-T	B	68.4/6.7
C325	4030016790	S.CER C1005 JB 1E 103K-T	T	80.2/9.6
C327	4030017900	S.CER C1005 JB 1E 123K-T	B	60.9/14.3
C328	4030020010	S.CER C1005 CH 1H 271J-T	B	63.3/12.6
C334	4030017460	S.CER C1005 JB 1H 102K-T	B	15.0/46.6
C335	4030017460	S.CER C1005 JB 1H 102K-T	B	24.6/38.2
C336	4030018860	S.CER C1005 JB 0J 105K-T	B	57.3/8.6
C337	4030017460	S.CER C1005 JB 1H 102K-T	B	52.5/7.5
C338	4030017460	S.CER C1005 JB 1H 102K-T	B	50.7/7.5

[MAIN-A UNIT] (For [400 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C339	4030017460	S.CER C1005 JB 1H 102K-T	B	53.4/7.5
C340	4030016930	S.CER C1005 JB 1A 104K-T	B	57.3/10.2
C341	4030018860	S.CER C1005 JB 0J 105K-T	B	58.3/11.1
C342	4030017460	S.CER C1005 JB 1H 102K-T	B	47.1/6.6
C343	4030019560	S.CER GRM21BB31C106KE15L	B	57.6/6.9
C344	4030016930	S.CER C1005 JB 1A 104K-T	B	55.1/2.2
C361	4030016930	S.CER C1005 JB 1A 104K-T	B	69.0/14.4
C364	4030017430	S.CER C1005 CH 1H 101J-T	T	79.8/67.8
C376	4030017460	S.CER C1005 JB 1H 102K-T	T	73.0/20.9
C377	4550007320	S.TAN F930J226MAABMA	T	72.5/17.6
C378	4030017460	S.CER C1005 JB 1H 102K-T	T	73.0/22.5
C380	4030017510	S.CER C1005 CH 1H 680J-T	T	68.0/15.0
C381	4030016930	S.CER C1005 JB 1A 104K-T	T	68.0/4.5
C382	4030016930	S.CER C1005 JB 1A 104K-T	T	66.4/4.5
C383	4030018860	S.CER C1005 JB 0J 105K-T	T	64.8/4.5
C384	4030018860	S.CER C1005 JB 0J 105K-T	T	63.2/7.0
C385	4030016930	S.CER C1005 JB 1A 104K-T	T	63.2/3.5
C386	4030016930	S.CER C1005 JB 1A 104K-T	T	64.4/12.5
C388	4030017460	S.CER C1005 JB 1H 102K-T	B	20.9/3.5
C389	4030017460	S.CER C1005 JB 1H 102K-T	B	43.9/2.5
C390	4030017460	S.CER C1005 JB 1H 102K-T	B	53.3/2.6
C391	4030017420	S.CER C1005 CH 1H 470J-T	B	37.3/46.3
C392	4030017420	S.CER C1005 CH 1H 470J-T	B	29.1/43.9
C393	4520000020	S.NIO NOJC227M006RWJV	B	19.8/40.5
C394	4030017460	S.CER C1005 JB 1H 102K-T	B	28.2/43.9
C395	4520000020	S.NIO NOJC227M006RWJV	T	21.2/37.1
C396	4030017430	S.CER C1005 CH 1H 101J-T	T	27.1/47.4
C397	4030017460	S.CER C1005 JB 1H 102K-T	T	25.2/37.4
C398	4030017460	S.CER C1005 JB 1H 102K-T	B	12.2/32.0
C399	4030016930	S.CER C1005 JB 1A 104K-T	B	22.2/37.3
C400	4550006250	S.TAN TEESVA 1A 106M8R	T	12.9/40.8
C401	4030016930	S.CER C1005 JB 1A 104K-T	B	12.2/37.6
C403	4030018890	S.CER C1005 JB 0J 224K-T	B	15.0/39.5
C404	4030016930	S.CER C1005 JB 1A 104K-T	B	12.2/38.5
C405	4030018860	S.CER C1005 JB 0J 105K-T	B	19.3/33.7
C406	4030017460	S.CER C1005 JB 1H 102K-T	T	20.2/34.7
C408	4030016930	S.CER C1005 JB 1A 104K-T	T	4.8/37.5
C412	4030017460	S.CER C1005 JB 1H 102K-T	T	6.5/42.8
C413	4030017460	S.CER C1005 JB 1H 102K-T	B	7.7/31.9
C418	4030017420	S.CER C1005 CH 1H 470J-T	B	13.1/32.0
C420	4030017420	S.CER C1005 CH 1H 470J-T	B	7.7/32.8
C423	4030016790	S.CER C1005 JB 1E 103K-T	B	67.7/18.1
C426	4030016790	S.CER C1005 JB 1E 103K-T	B	67.8/39.4
C427	4030016930	S.CER C1005 JB 1A 104K-T	T	73.7/15.3
C428	4030017460	S.CER C1005 JB 1H 102K-T	T	16.4/32.2
C429	4030016790	S.CER C1005 JB 1E 103K-T	B	72.2/14.9
C430	4030016930	S.CER C1005 JB 1A 104K-T	T	63.4/9.0
C431	4510009870	S.ELE 10 CE 100 LD	T	14.7/27.1
C432	4030017460	S.CER C1005 JB 1H 102K-T	T	92.7/6.4
C433	4030017460	S.CER C1005 JB 1H 102K-T	T	17.3/32.2
C434	4030016790	S.CER C1005 JB 1E 103K-T	T	14.3/32.6
C435	4550007320	S.TAN F930J226MAABMA	T	19.5/30.8
C437	4030017460	S.CER C1005 JB 1H 102K-T	T	14.3/31.7
C447	4030017430	S.CER C1005 CH 1H 101J-T	T	27.1/45.6
C448	4030019490	S.CER C2012 JB 1A 106K-T	B	28.3/46.0
C451	4030016930	S.CER C1005 JB 1A 104K-T	B	86.6/21.9
C452	4030016930	S.CER C1005 JB 1A 104K-T	B	86.2/25.0
C453	4030017640	S.CER C1005 CH 1H 150J-T	T	83.9/22.5
C454	4030017580	S.CER C1005 CH 1H 060C-T	T	85.2/21.1
C455	4030017640	S.CER C1005 CH 1H 150J-T	B	83.9/21.9
C456	4030016930	S.CER C1005 JB 1A 104K-T	T	82.7/10.5
C457	4030017030	S.CER C1005 JB 1A 273K-T	T	86.0/9.3
C458	4030018900	S.CER C1005 JB 0J 474K-T	T	84.2/20.0
C459	4050000240	S.FEE NFM18PC104R1C3D	B	65.3/48.4
C461	4030019990	S.CER C1005 JB 1C 104K-T	B	96.4/13.1
C462	4030020190	S.CER GRM32EB31C476KE15L	B	96.4/9.1
C463	4030019990	S.CER C1005 JB 1C 104K-T	T	93.6/8.0
C464	4030020190	S.CER GRM32EB31C476KE15L	T	90.7/7.0
C465	4050000240	S.FEE NFM18PC104R1C3D	T	88.5/8.2
C466	4030018860	S.CER C1005 JB 0J 105K-T	T	88.5/9.9
C467	4030018860	S.CER C1005 JB 0J 105K-T	T	89.1/11.7
C468	4030020190	S.CER GRM32EB31C476KE15L	B	92.4/8.0
C475	4030017430	S.CER C1005 CH 1H 101J-T	B	28.6/39.5
C482	4030017920	S.CER C1005 JB 1A 683K-T	T	72.0/4.6
C483	4030018860	S.CER C1005 JB 0J 105K-T	T	70.3/3.7
C484	4030018860	S.CER C1005 JB 0J 105K-T	T	72.0/5.5
C485	4030018860	S.CER C1005 JB 0J 105K-T	B	74.7/6.6
C486	4030016930	S.CER C1005 JB 1A 104K-T	T	70.7/14.5
C487	4030018860	S.CER C1005 JB 0J 105K-T	T	72.5/14.5
C488	4030018860	S.CER C1005 JB 0J 105K-T	T	73.7/14.4
C489	4030018860	S.CER C1005 JB 0J 105K-T	B	65.5/13.0
C490	4030017920	S.CER C1005 JB 1A 683K-T	T	73.7/3.7
C491	4030016790	S.CER C1005 JB 1E 103K-T	T	73.7/4.6
C492	4030017430	S.CER C1005 CH 1H 101J-T	B	70.2/8.3
C493	4030018100	S.CER C1005 JB 1H 681K-T	B	71.4/10.7
C494	4030016790	S.CER C1005 JB 1E 103K-T	B	69.3/8.3
C501	4030016930	S.CER C1005 JB 1A 104K-T	B	74.4/16.2
C502	4030016930	S.CER C1005 JB 1A 104K-T	B	75.5/18.0
C503	4030016930	S.CER C1005 JB 1A 104K-T	B	74.4/15.3
C504	4030016930	S.CER C1005 JB 1A 104K-T	B	74.4/17.1
C505	4030016930	S.CER C1005 JB 1A 104K-T	B	74.4/14.4
C506	4030016930	S.CER C1005 JB 1A 104K-T	B	75.6/19.3
C507	4030018860	S.CER C1005 JB 0J 105K-T	T	83.3/8.9
C508	4030017460	S.CER C1005 JB 1H 102K-T	T	84.2/8.9
C509	4030018860	S.CER C1005 JB 0J 105K-T	T	86.4/19.6
C510	4030017460	S.CER C1005 JB 1H 102K-T	T	88.5/10.8
C511	4030018860	S.CER C1005 JB 0J 105K-T	T	91.4/22.2
C512	4030018860	S.CER C1005 JB 0J 105K-T	B	75.7/13.1
C513	4030016930	S.CER C1005 JB 1A 104K-T	T	87.3/19.6
C514	4030018860	S.CER C1005 JB 0J 105K-T	T	76.7/18.6
C515	4030017460	S.CER C1005 JB 1H 102K-T	B	94.6/22.8
C900	4030016930	S.CER C1005 JB 1A 104K-T	T	75.5/35.6
C901	4030018910	S.CER C1608 JB 0J 475K-T	T	76.0/36.7
C902	4050000240	S.FEE NFM18PC104R1C3D	B	70.4/41.2
C903	4050000240	S.FEE NFM18PC104R1C3D	B	72.3/39.3

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

[MAIN-A UNIT] (For [400 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C904	4050000240	S.FEE	NFM18PC104R1C3D	B	73.1/41.2
C905	4050000240	S.FEE	NFM18PC104R1C3D	B	72.3/36.9
C907	4030017460	S.CER	C1005 JB 1H 102K-T	T	75.2/32.3
C908	4030018910	S.CER	C1608 JB 0J 475K-T	T	77.5/34.4
C909	4030016930	S.CER	C1005 JB 1A 104K-T	T	78.1/35.5
C910	4030016930	S.CER	C1005 JB 1A 104K-T	B	75.9/40.9
C911	4550007730	S.TAN	TEESVJ 0J 106M8R	B	74.8/41.1
C912	4030018910	S.CER	C1608 JB 0J 475K-T	T	78.8/39.4
C913	4030016930	S.CER	C1005 JB 1A 104K-T	T	80.0/40.0
C915	4030016930	S.CER	C1005 JB 1A 104K-T	B	70.6/35.9
C916	4550007730	S.TAN	TEESVJ 0J 106M8R	B	71.8/33.7
C917	4030016930	S.CER	C1005 JB 1A 104K-T	B	70.6/35.0
C918	4030016790	S.CER	C1005 JB 1E 103K-T	B	71.1/46.0
C919	4030018860	S.CER	C1005 JB 0J 105K-T	T	81.1/44.5
C920	4030016790	S.CER	C1005 JB 1E 103K-T	T	81.1/43.6
C921	4030018910	S.CER	C1608 JB 0J 475K-T	B	80.3/39.6
C922	4030018910	S.CER	C1608 JB 0J 475K-T	B	78.4/40.2
C923	4030016790	S.CER	C1005 JB 1E 103K-T	B	90.0/30.9
C924	4030016790	S.CER	C1005 JB 1E 103K-T	B	73.6/30.9
C925	4030017420	S.CER	C1005 CH 1H 470J-T	B	85.2/28.6
C926	4030017460	S.CER	C1005 JB 1H 102K-T	B	83.7/29.8
C927	4030019460	S.CER	C1608 JB 0J 106M-T	B	73.7/32.6
C928	4030018860	S.CER	C1005 JB 0J 105K-T	B	74.9/29.9
C930	4030018860	S.CER	C1005 JB 0J 105K-T	B	83.3/31.9
C931	4030018860	S.CER	C1005 JB 0J 105K-T	B	86.7/41.3
C932	4030016930	S.CER	C1005 JB 1A 104K-T	B	75.4/31.7
C933	4030016930	S.CER	C1005 JB 1A 104K-T	B	71.8/35.4
C934	4030018910	S.CER	C1608 JB 0J 475K-T	B	70.7/32.2
C935	4030016790	S.CER	C1005 JB 1E 103K-T	B	90.2/38.4
C936	4030018860	S.CER	C1005 JB 0J 105K-T	B	89.8/37.5
C937	4030016790	S.CER	C1005 JB 1E 103K-T	B	88.0/30.4
C938	4030017420	S.CER	C1005 CH 1H 470J-T	B	80.6/28.6
C939	4030017420	S.CER	C1005 CH 1H 470J-T	B	80.0/30.7
C940	4030018910	S.CER	C1608 JB 0J 475K-T	B	83.2/43.3
C941	4030016930	S.CER	C1005 JB 1A 104K-T	T	83.3/43.6
C942	4030016930	S.CER	C1005 JB 1A 104K-T	B	92.3/41.2
C943	4030016790	S.CER	C1005 JB 1E 103K-T	B	87.7/41.3
C944	4030016930	S.CER	C1005 JB 1A 104K-T	B	76.8/43.4
C945	4030016930	S.CER	C1005 JB 1A 104K-T	B	72.3/44.5
C946	4030016930	S.CER	C1005 JB 1A 104K-T	B	75.5/48.4
C947	4030016930	S.CER	C1005 JB 1A 104K-T	B	78.4/26.7
C948	4030016930	S.CER	C1005 JB 1A 104K-T	B	74.1/43.8
C949	4030017420	S.CER	C1005 CH 1H 470J-T	B	72.3/43.6
C950	4030017620	S.CER	C1005 CH 1H 100C-T	B	77.8/48.6
C951	4030016930	S.CER	C1005 JB 1A 104K-T	B	78.0/46.9
C952	4030017400	S.CER	C1005 CH 1H 220J-T	B	83.1/27.1
C953	4030017460	S.CER	C1005 JB 1H 102K-T	B	80.5/48.6
C954	4030016790	S.CER	C1005 JB 1E 103K-T	B	82.3/48.6
C955	4030016930	S.CER	C1005 JB 1A 104K-T	B	78.3/43.8
C956	4030017380	S.CER	C1005 CH 1H 050B-T	B	79.9/42.9
C957	4030016930	S.CER	C1005 JB 1A 104K-T	B	78.6/42.5
C958	4030016930	S.CER	C1005 JB 1A 104K-T	T	68.9/38.6
C959	4030017620	S.CER	C1005 CH 1H 100C-T	B	78.3/41.3
J51	6450000131	CON	HSJ1102-018540		
J52	6450002250	CON	HSJ1456-010320		
J53	6510021901	S.CON	BM02B-ASRS-TF(LF)(SN)	T	27.2/34.5
F51	5210000970	S.FUS	ERBSE3R00U	T	10.7/37.6
DS51	5040003520	S.LED	LNJ115W8PRA	T	2.0/37.9
MC51	7700002950	MIC	EM9745P-33-G <HOR>		
S51	2260001900	SWI	SW-149 (SKHLLD)		
S52	2260002800	S.SWI	SW-167 (SKQTLAE010)	B	39.2/1.9
S53	2260002800	S.SWI	SW-167 (SKQTLAE010)	B	48.7/1.9
S54	2250000680	ENC	FSR080453W-01+16C L15.9 <SLVJ>		
EP3	6910018460	S.BEA	MMZ1005Y102C-T	T	63.7/19.3
EP4	6910018460	S.BEA	MMZ1005Y102C-T	T	45.1/28.7
EP5	6910018460	S.BEA	MMZ1005Y102C-T	T	41.0/11.0
EP6	6910014730	S.BEA	MPZ2012S331A-T	B	22.4/17.0
EP7	6910021240	S.BEA	MMZ1005A152ET	B	60.1/28.7
EP8	6910021240	S.BEA	MMZ1005A152ET	B	62.8/25.2
EP11	6910021240	S.BEA	MMZ1005A152ET	T	54.9/24.5
EP14	6910021240	S.BEA	MMZ1005A152ET	T	60.4/22.2
EP51	6910018460	S.BEA	MMZ1005Y102C-T	B	19.1/46.2
EP52	6910021240	S.BEA	MMZ1005A152ET	B	97.3/12.5
EP53	6910021240	S.BEA	MMZ1005A152ET	B	96.4/15.6
EP900	6910016330	S.BEA	MMZ1005S 601CT-S	B	71.1/43.8
EP902	6910016330	S.BEA	MMZ1005S 601CT-S	B	70.1/33.7
EP903	6910016330	S.BEA	MMZ1005S 601CT-S	T	83.2/49.7
EP904	6910016330	S.BEA	MMZ1005S 601CT-S	T	94.4/47.0
EP905	6910016330	S.BEA	MMZ1005S 601CT-S	B	84.5/49.8
EP906	6910016330	S.BEA	MMZ1005S 601CT-S	B	93.2/46.9

[MAIN-C UNIT] (For [350 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110002751	S.IC	TA75S01F(TE85RF)	T	32.5/8.9
IC3	1110007320	S.IC	NJM2591V-TE1-#ZZZB	B	45.8/38.9
IC4	1130015270	S.IC	AK1541P-L	T	43.2/24.0
IC5	1110006230	S.IC	NJM2711F-TE1-#ZZZB	B	68.3/44.2
IC6	1130011741	S.IC	TC7W66FK(TE85LF)	B	65.3/26.7
IC21	1110002751	S.IC	TA75S01F(TE85RF)	T	69.8/34.6
IC51	1140015010	S.IC	HD64F2506RBR26DV(EMPTY)	B	83.0/14.3
IC52	1130015080	S.IC	R1EX24512ASAS0A	T	83.6/16.4
IC53	1110007780	S.IC	NJU7704F3-28A-TE1-#ZZZH	T	85.0/11.3
IC54	1180003600	S.REG	NJM2871BF05-TE1-#ZZZB	T	15.5/34.8
IC55	1110007610	S.IC	TPA0211DGNR	B	13.3/42.1
IC57	1110007290	S.IC	AK2330P-L	B	72.3/24.3
IC58	1110002751	S.IC	TA75S01F(TE85RF)	T	23.9/28.3
IC60	1110005320	S.IC	NJM13403V-TE1-#ZZZB	B	65.1/8.3
IC62	1130011741	S.IC	TC7W66FK(TE85LF)	T	60.9/11.3
IC63	1110007630	S.IC	NJM2783V-TE1-#ZZZH	T	71.9/9.8
IC64	1110005330	S.IC	NJM12904V-TE1-#ZZZB	T	67.1/9.8
IC65	1180003670	S.REG	BD9141MUV-E2	T	96.5/9.1
IC66	1130009981	S.IC	TC7W53FK(TE85LF)	T	75.9/8.5
IC900	1180003680	S.REG	TPS62204DBVR	T	76.4/39.0
IC901	1190002900	S.IC	ADS7886SDCKR	T	77.5/32.5
IC902	1110007770	S.IC	PCM3008T/2K	B	78.6/34.7
IC903	1140013290	S.IC	TMS320VC5509AZHH	T	86.8/36.8
IC904	1130015620	S.IC	EN25Q40-100GIP <MSK>	T	78.0/28.4
IC905	1110006230	S.IC	NJM2711F-TE1-#ZZZB	B	80.2/46.0
Q1	1560001700	S.FET	RD07MUS2B-T112	B	28.6/13.5
Q2	1560001241	S.FET	RD01MUS1-T113	B	36.1/14.4
Q3	1530004180	S.TRA	2SC3356-T1B YS (R25)	B	41.3/12.9
Q4	1530003311	S.TRA	2SC5107-O(TE85RF)	B	46.2/13.4
Q8	1530003311	S.TRA	2SC5107-O(TE85RF)	T	55.6/18.6
Q9	1530003311	S.TRA	2SC5107-O(TE85RF)	B	55.4/18.9
Q10	1530003311	S.TRA	2SC5107-O(TE85RF)	T	61.0/19.4
Q11	1590004070	S.TRA	LDTC144EET1G <SLVJ>	B	53.4/23.2
Q12	1590004070	S.TRA	LDTC144EET1G <SLVJ>	B	62.7/23.3
Q13	1530002921	S.TRA	2SC4226-T1 Y25 (R25)	T	56.5/22.6
Q14	1530002921	S.TRA	2SC4226-T1 Y25 (R25)	T	62.2/22.3
Q15	1530002851	S.TRA	2SC4116-BL(TE85RF)	B	63.6/17.2
Q16	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	68.5/21.3
Q17	1560000541	S.FET	2SK880-Y(T5RICOMF)	B	50.9/29.7
Q21	1560000841	S.FET	2SK1829(TE85RF)	B	25.7/31.5
Q22	1580000731	S.FET	3SK293(TE85LF)	B	21.2/29.0
Q23	1580000731	S.FET	3SK293(TE85LF)	B	36.4/26.1
Q24	1530003311	S.TRA	2SC5107-O(TE85RF)	B	38.3/42.6
Q26	1530002851	S.TRA	2SC4116-BL(TE85RF)	T	43.3/32.7
Q27	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	56.3/35.9
Q28	1530002851	S.TRA	2SC4116-BL(TE85RF)	B	63.6/44.7
Q29	1590004090	S.TRA	LDTC114YET1G <SLVJ>	T	38.5/42.6
Q51	1510001090	S.TRA	KTA2015Y-RTK/P	B	25.7/43.5
Q52	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	24.6/39.8
Q58	1590004220	S.TRA	DRA9123Y0L	B	54.9/7.1
Q59	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	49.1/7.3
Q63	1520000460	S.TRA	2SB1132 T100 R	B	15.3/35.5
Q64	1590004590	S.TRA	DMC506010R	B	19.3/36.0
Q66	1560001360	S.FET	2SK3019 TL	B	72.7/7.0
Q67	1590004090	S.TRA	LDTC114YET1G <SLVJ>	T	75.4/13.1
Q71	1510001090	S.TRA	KTA2015Y-RTK/P	B	66.9/16.3
Q72	1510000771	S.TRA	2SA1586-GR(TE85LF)	B	65.8/37.4
Q73	1510001090	S.TRA	KTA2015Y-RTK/P	B	70.2/12.5
Q81	1590004100	S.TRA	LDTC144TET1G <SLVJ>	B	93.4/20.2
Q82	1590004050	S.TRA	LDTA144EET1G <SLVJ>	T	79.0/19.5
Q83	1590004050	S.TRA	LDTA144EET1G <SLVJ>	T	78.5/17.5
Q84	1590004070	S.TRA	LDTC144EET1G <SLVJ>	B	19.2/43.8
Q85	1590004090	S.TRA	LDTC114YET1G <SLVJ>	T	21.5/33.0
Q86	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	70.6/16.3
Q87	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	68.5/35.7
Q88	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	72.5/12.4
Q90	1510000920	S.TRA	2SA1577 T106 Q	T	92.4/12.6
Q91	1590004090	S.TRA	LDTC114YET1G <SLVJ>	T	91.0/14.9
Q92	1590003321	S.FET	TPC6103(TE85LF)	B	6.9/35.0
Q93	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	4.0/34.6
Q95	1590004050	S.TRA	LDTA144EET1G <SLVJ>	B	68.5/33.2
Q900	1590004050	S.TRA	LDTA144EET1G <SLVJ>	B	73.5/48.8
Q901	1590004090	S.TRA	LDTC114YET1G <SLVJ>	B	75.1/27.8
D1	1750002230	S.DIO	LRB751S-40T1G <SLVJ>	B	13.8/6.3
D2	1750002230	S.DIO	LRB751S-40T1G <SLVJ>	B	15.2/10.6
D3	1750001890	S.DIO	HVD142AKRF-E	B	15.7/14.8
D5	1750001890	S.DIO	HVD142AKRF-E	B	49.6/15.2
D6	1750001890	S.DIO	HVD142AKRF-E	B	49.6/16.6
D10	1790001241	S.DIO	MA2S7280GL	B	61.6/17.5
D11	1750001840	S.VAR	HVD350BKRF-E	T	57.1/27.1
D12	1750001840	S.VAR	HVD350BKRF-E	T	54.0/28.8
D14	1750002270	S.VAR	HVD396CKRF-E	T	60.0/26.1
D15	1750001650	S.VAR	1SV309(TPH3F)	T	64.6/28.2
D16	1750001840	S.VAR	HVD350BKRF-E	T	62.5/28.2
D21	1750001810	S.DIO	L1SS400T1G <SLVJ>	B	28.0/33.3
D22	1750001890	S.DIO	HVD142AKRF-E	B	15.7/18.3
D24	1750001780	S.VAR	HVB350BYPTL-E	B	18.1/23.8
D26	1750001780	S.VAR	HVB350BYPTL-E	B	18.1/26.7
D28	1750001780	S.VAR	HVB350BYPTL-E	B	29.2/26.7
D31	1750001910	S.DIO	HVD144AKRF-E	B	40.3/30.1
D32	1750001910	S.DIO	HVD144AKRF-E	T	36.6/28.4
D33	1750001910	S.DIO	HVD144AKRF-E	B	36.7/39.8
D34	1750001910	S.DIO	HVD144AKRF-E	T	36.5/41.0
D36	1750001790	S.DIO	1SS390 TE61	B	54.1/40.0
D37	1750001790	S.DIO	1SS390 TE61	B	51.7/36.8
D38	1750001790	S.DIO	1SS390 TE61	B	56.6/40.0
D39	1750001790	S.DIO	1SS390 TE61	B	58.1/38.6
D51	1750001820	S.DIO	LRB706F-40T1G <SLVJ>	B	91.9/17.8
D52	1790001241	S.DIO	MA2S7280GL	B	26.2/41.0
D53	1750001810	S.DIO	L1SS400T1G <SLVJ>	T	61.8/6.8
D54	1750001810	S.DIO	L1SS400T1G <SLVJ>	T	60.5/6.8

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

[MAIN-C UNIT] (For [350 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
D55	1750001810	S.DIO	L1SS400T1G <SLVJ>	B	22.8/34.9
D59	1750001850	S.DIO	LDAN222T1G <SLVJ>	B	4.2/37.5
D60	1750001790	S.DIO	1SS390 TE61	B	85.0/23.6
D901	1790001241	S.DIO	MA2S7280GL	T	87.1/27.9
D902	1790001241	S.DIO	MA2S7280GL	B	86.2/44.9
D903	1790001241	S.DIO	MA2S7280GL	B	92.1/30.8
D904	1790001241	S.DIO	MA2S7280GL	T	88.4/27.9
D905	1790001241	S.DIO	MA2S7280GL	B	96.3/30.8
FI1	2030000870	S.MON	MFT46.3P3 46.350 MHz (FL-442)	B	35.4/34.1
FI2	2010002760	S.XTA	MFT46.3J 46.350 MHz (FL-448)	T	36.6/34.5
FI3	2020002410	CER	LTM450FW <JJE>		
FI4	2020002570	CER	LTM450HW <JJE>		
FI5	2020002610	S.CER	LTUCG450G <JJE>	T	65.2/43.3
X1	6070000310	S.DIS	JTBM450CX70 <JJE>	T	47.6/40.9
X2	6050013000	S.XTA	CR-892 TTS14VSB-A8 15.3 MHz	T	41.9/15.0
X51	6050013160	S.XTA	CR-912 TSS3225A 19.6608 MHz	T	81.8/21.4
X900	6050013170	S.XTA	CR-914 TTS18VSE-A11 12.288 MHz	B	75.1/46.0
L1	6200012490	S.COI	0.30-0.9-6TR 13.6N <COMO>	B	9.5/7.5
L2	6200012490	S.COI	0.30-0.9-6TR 13.6N <COMO>	B	10.4/10.5
L3	6200013010	S.COI	0.30-0.9-5TL 10.3N <COMO>	B	12.7/13.4
L4	6200002851	S.COI	NLV25T-R82J	B	18.2/16.6
L5	6200012610	S.COI	0.40-0.9-2TL 2.8N <COMO>	B	18.2/13.4
L6	6200012610	S.COI	0.40-0.9-2TL 2.8N <COMO>	B	20.7/13.4
L7	6200012980	S.COI	0.40-1.4-5TR 18.3N <COMO>	B	23.6/13.4
L8	6200013830	S.COI	MLK1005S22NJT	B	41.0/10.7
L9	6200013830	S.COI	MLK1005S22NJT	B	45.5/10.7
L11	6200010850	S.COI	LQW18AN22NG00D (LQW1608A22NG00)	B	13.9/16.6
L13	6200007720	S.COI	LQW2BHN33NJ03L	B	15.1/22.4
L14	6200007720	S.COI	LQW2BHN33NJ03L	B	15.1/28.1
L15	6200007690	S.COI	LQW2BHN18NJ03L	B	25.8/27.6
L16	6200007690	S.COI	LQW2BHN18NJ03L	B	32.7/27.6
L18	6200013790	S.COI	MLK1005S47NJT	B	36.4/22.3
L19	6200013780	S.COI	MLK1005S56NJT	B	34.4/23.9
L20	6200004770	S.COI	ELJNC R56J-F	B	39.1/26.4
L23	6200012170	S.COI	MLG1608S R18J-T	T	41.9/35.7
L24	6200012170	S.COI	MLG1608S R18J-T	T	45.2/34.2
L31	6200013800	S.COI	MLK1005S39NJT	T	53.8/17.7
L32	6200013790	S.COI	MLK1005S47NJT	B	53.4/19.3
L33	6200013820	S.COI	MLK1005S27NJT	T	59.2/18.3
L35	6190002030	S.COI	MLG1608S 1R0J-T	B	59.8/25.7
L36	6200013581	S.COI	0.30-0.9-4TR 8.6J <COMO>	T	54.2/26.1
L37	6200011860	S.COI	LQW18ANR47G00D	T	56.5/28.8
L40	6200014240	S.COI	0.30-0.9-3TR 5.8J <COMO>	T	64.0/24.9
L41	6200011860	S.COI	LQW18ANR47G00D	T	58.9/27.4
L42	6200011860	S.COI	LQW18ANR47G00D	T	60.5/28.8
L46	6200013830	S.COI	MLK1005S22NJT	B	48.9/20.0
L48	6200013970	S.COI	MLK1005S1N5ST	B	32.7/13.1
L51	6200014170	S.COI	VLCF4028T-4R7N1R5-2	T	96.5/14.3
L900	6200014160	S.COI	VLCF4028T-100M1R0-2	T	77.6/42.9
L901	6200007830	S.COI	ELJFC 4R7K-F	B	84.5/48.0
R1	7030005070	S.RES	ERJ2GEJ 683 X (68K)	B	7.2/5.5
R2	7030009140	S.RES	ERJ2GEJ 272 X (2.7K)	B	12.2/8.9
R3	7030005120	S.RES	ERJ2GEJ 102 X (1K)	B	13.5/8.4
R4	7030005120	S.RES	ERJ2GEJ 102 X (1K)	B	13.5/10.0
R5	7030009140	S.RES	ERJ2GEJ 272 X (2.7K)	B	12.2/10.9
R6	7030004990	S.RES	ERJ2GEJ 221 X (220)	B	20.3/17.9
R8	7030005220	S.RES	ERJ2GEJ 223 X (22K)	T	31.1/5.7
R9	7030005050	S.RES	ERJ2GEJ 103 X (10K)	T	31.1/6.6
R10	7030005090	S.RES	ERJ2GEJ 104 X (100K)	T	32.2/11.1
R11	7030005080	S.RES	ERJ2GEJ 823 X (82K)	T	30.1/11.1
R12	7030005170	S.RES	ERJ2GEJ 474 X (470K)	T	32.8/5.7
R13	7030005530	S.RES	ERJ2GEJ 100 X (10)	T	34.8/9.9
R14	7030008280	S.RES	ERJ2GEJ 271 X (270)	T	35.4/7.5
R15	7030005120	S.RES	ERJ2GEJ 102 X (1K)	T	36.3/7.5
R16	7030005050	S.RES	ERJ2GEJ 103 X (10K)	T	29.4/7.1
R21	7030005530	S.RES	ERJ2GEJ 100 X (10)	B	33.2/10.8
R22	7030005040	S.RES	ERJ2GEJ 472 X (4.7K)	B	34.1/9.2
R23	7030005060	S.RES	ERJ2GEJ 333 X (33K)	B	35.0/9.2
R24	7030004970	S.RES	ERJ2GEJ 470 X (47)	B	38.2/10.8
R27	7030005040	S.RES	ERJ2GEJ 472 X (4.7K)	B	38.2/9.2
R28	7030005060	S.RES	ERJ2GEJ 333 X (33K)	B	39.1/10.8
R29	7030004970	S.RES	ERJ2GEJ 470 X (47)	B	41.0/9.8
R30	7030005220	S.RES	ERJ2GEJ 223 X (22K)	B	41.8/15.1
R31	7030004980	S.RES	ERJ2GEJ 101 X (100)	B	45.5/9.8
R32	7030005220	S.RES	ERJ2GEJ 223 X (22K)	B	45.8/15.2
R33	7030005050	S.RES	ERJ2GEJ 103 X (10K)	B	49.6/13.1
R34	7030004980	S.RES	ERJ2GEJ 101 X (100)	B	49.6/14.0
R35	7030005040	S.RES	ERJ2GEJ 472 X (4.7K)	B	51.7/16.6
R41	7030005530	S.RES	ERJ2GEJ 100 X (10)	T	57.4/17.7
R42	7030005070	S.RES	ERJ2GEJ 683 X (68K)	T	57.4/19.3
R43	7030004980	S.RES	ERJ2GEJ 101 X (100)	B	55.4/16.2
R44	7030005090	S.RES	ERJ2GEJ 104 X (100K)	B	55.4/20.7
R45	7030004980	S.RES	ERJ2GEJ 101 X (100)	T	63.2/17.9
R46	7030005090	S.RES	ERJ2GEJ 104 X (100K)	T	62.8/19.3
R51	7030005000	S.RES	ERJ2GEJ 471 X (470)	B	54.5/24.5
R52	7030005000	S.RES	ERJ2GEJ 471 X (470)	B	61.1/22.8
R53	7030006020	S.RES	RR0510P-682-D (6.8K)	T	58.3/23.8
R54	7030006020	S.RES	RR0510P-682-D (6.8K)	T	58.1/25.4
R55	7030006020	S.RES	RR0510P-682-D (6.8K)	T	59.5/23.8
R56	7030006020	S.RES	RR0510P-682-D (6.8K)	T	60.3/25.1
R57	7030010040	S.RES	ERJ2GEJ-JPW	T	61.9/24.2
R58	7030005090	S.RES	ERJ2GEJ 104 X (100K)	B	62.4/28.0
R59	7030005700	S.RES	ERJ2GEJ 274 X (270K)	B	62.4/26.4
R62	7030005310	S.RES	ERJ2GEJ 124 X (120K)	B	68.0/27.2
R64	7030005530	S.RES	ERJ2GEJ 100 X (10)	T	64.2/26.4

[MAIN-C UNIT] (For [350 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R65	7030005600	S.RES	ERJ2GEJ 273 X (27K)	B	65.3/29.6
R66	7030005080	S.RES	ERJ2GEJ 823 X (82K)	B	65.3/28.7
R67	7030007290	S.RES	ERJ2GEJ 222 X (2.2K)	B	60.5/18.0
R68	7030005170	S.RES	ERJ2GEJ 474 X (470K)	B	63.7/30.5
R69	7030005100	S.RES	ERJ2GEJ 154 X (150K)	B	65.3/30.5
R70	7030005110	S.RES	ERJ2GEJ 224 X (220K)	B	63.7/31.4
R71	7030005050	S.RES	ERJ2GEJ 103 X (10K)	B	49.1/28.7
R72	7030004980	S.RES	ERJ2GEJ 101 X (100)	B	51.1/27.9
R73	7030005050	S.RES	ERJ2GEJ 103 X (10K)	B	65.3/32.3
R74	7030005290	S.RES	ERJ2GEJ 682 X (6.8K)	B	63.7/32.3
R76	7030005710	S.RES	ERJ2GEJ 121 X (120)	T	48.4/25.0
R77	7030007290	S.RES	ERJ2GEJ 222 X (2.2K)	T	46.7/25.9
R78	7030010040	S.RES	ERJ2GEJ-JPW	T	46.7/23.8
R79	7030007570	S.RES	ERJ2GEJ 122 X (1.2K)	T	46.7/25.0
R80	7410001130	S.ARR	EXB28V102JX	T	41.9/27.8
R81	7030005600	S.RES	ERJ2GEJ 273 X (27K)	T	46.4/22.0
R82	7030005050	S.RES	ERJ2GEJ 103 X (10K)	T	40.1/18.8
R83	7030005580	S.RES	ERJ2GEJ 560 X (56)	T	43.8/19.3
R84	7030005090	S.RES	ERJ2GEJ 104 X (100K)	T	40.1/23.7
R87	7030005090	S.RES	ERJ2GEJ 104 X (100K)	T	63.5/27.7
R88	7510001730	S.THE	ERTJOEP 473J	T	58.3/10.6
R89	7030010080	S.RES	ERJ2RHD 1003X (100K)	B	55.4/12.4
R101	7030005110	S.RES	ERJ2GEJ 224 X (220K)	B	28.0/32.1
R102	7030005170	S.RES	ERJ2GEJ 474 X (470K)	B	25.7/33.3
R103	7030008400	S.RES	ERJ2GEJ 182 X (1.8K)	B	28.0/30.9
R104	7030005050	S.RES	ERJ2GEJ 103 X (10K)	B	20.1/22.9
R105	7030005050	S.RES	ERJ2GEJ 103 X (10K)	B	20.1/27.2
R106	7030005240	S.RES	ERJ2GEJ 473 X (47K)	B	18.3/29.0
R107	7030005600	S.RES	ERJ2GEJ 273 X (27K)	B	20.2/31.0
R108	7030005080	S.RES	ERJ2GEJ 823 X (82K)	B	19.2/29.0
R109	7030005530	S.RES	ERJ2GEJ 100 X (10)	B	21.2/31.0
R110	7030004980	S.RES	ERJ2GEJ 101 X (100)	B	22.1/25.4
R112	7030004970	S.RES	ERJ2GEJ 470 X (47)	B	25.8/25.4
R113	7030005000	S.RES	ERJ2GEJ 471 X (470)	B	24.2/28.5
R114	7030005090	S.RES	ERJ2GEJ 104 X (100K)	B	27.4/26.8
R115	7030005090	S.RES	ERJ2GEJ 104 X (100K)	B	31.0/26.8
R116	7030005310	S.RES	ERJ2GEJ 124 X (120K)	B	34.5/28.8
R117	7030005090	S.RES	ERJ2GEJ 104 X (100K)	B	33.4/23.9
R118	7030005310	S.RES	ERJ2GEJ 124 X (120K)	B	36.4/23.9
R119	7030005100	S.RES	ERJ2GEJ 154 X (150K)	B	36.1/27.9
R120	7030005710	S.RES	ERJ2GEJ 121 X (120)	B	39.1/23.9
R121	7030007300	S.RES	ERJ2GEJ 332 X (3.3K)	B	41.0/26.3
R122	7030004970	S.RES	ERJ2GEJ 470 X (47)	B	41.9/23.9
R123	7030010040	S.RES	ERJ2GEJ-JPW	T	71.2/30.6
R126	7030004980	S.RES	ERJ2GEJ 101 X (100)	B	39.5/40.8
R127	7030005310	S.RES	ERJ2GEJ 124 X (120K)	B	37.9/40.8
R128	7030005010	S.RES	ERJ2GEJ 681 X (680)	B	39.1/44.4
R132	7030005050	S.RES	ERJ2GEJ 103 X (10K)	B	47.4/17.6
R134	7030005090	S.RES	ERJ2GEJ 104 X (100K)	T	92.8/15.6
R135	7030005030	S.RES	ERJ2GEJ 152 X (1.5K)	T	43.1/37.7
R136	7030005030	S.RES	ERJ2GEJ 152 X (1.5K)	T	42.9/38.9
R138	7030005000	S.RES	ERJ2GEJ 471 X (470)	B	43.0/35.5
R139	7030005090	S.RES	ERJ2GEJ 104 X (100K)	B	48.3/35.5
R140	7030008410	S.RES	ERJ2GEJ 392 X (3.9K)	B	46.5/34.6
R141	7030005240	S.RES	ERJ2GEJ 473 X (47K)	B	46.5/33.7
R142	7030005310	S.RES	ERJ2GEJ 124 X (120K)	B	46.5/31.9
R146	7030004970	S.RES	ERJ2GEJ 470 X (47)	B	45.6/44.0
R147	7030005030	S.RES	ERJ2GEJ 152 X (1.5K)	B	47.1/42.2
R148	7030005120	S.RES	ERJ2GEJ 102 X (1K)	T	40.9/33.7
R149	7030007060	S.RES	ERJ2GEJ 684X (680K)	T	41.5/32.3
R151	7030005600	S.RES	ERJ2GEJ 273 X (27K)	B	51.7/39.0
R152	7030005210	S.RES	ERJ2GEJ 822 X (8.2K)	B	53.9/35.1
R153	7030007300	S.RES	ERJ2GEJ 332 X (3.3K)	B	55.5/38.7
R154	7030005210	S.RES	ERJ2GEJ 822 X (8.2K)	B	57.8/36.9
R155	7030005600	S.RES	ERJ2GEJ 273 X (27K)	B	58.8/39.8
R156	7030005120	S.RES	ERJ2GEJ 102 X (1K)	B	20.1/21.9
R157	7030005120	S.RES	ERJ2GEJ 102 X (1K)	B	31.0/25.1
R158	7030005040	S.RES	ERJ2GEJ 472 X (4.7K)	B	59.7/35.7
R159	7030005290	S.RES	ERJ2GEJ 682 X (6.8K)	B	29.7/23.8
R161	7030008300	S.RES	ERJ2GEJ 184 X (180K)	B	62.4/42.8
R162	7030004980	S.RES	ERJ2GEJ 101 X (100)	B	64.0/42.8
R163	7030004980	S.RES	ERJ2GEJ 101 X (100)	B	69.7/46.4
R164	7030005040	S.RES	ERJ2GEJ 472 X (4.7K)	B	67.3/41.0
R165	7030005030	S.RES	ERJ2GEJ 152 X (1.5K)	B	65.7/44.6
R166	7030009290	S.RES	ERJ2GEJ 562 X (5.6K)	B	65.7/43.7
R167	7030005290	S.RES	ERJ2GEJ 682 X (6.8K)	B	65.7/42.8
R169	7030005030	S.RES	ERJ2GEJ 152 X (1.5K)	B	64.0/41.0
R171	7030005220	S.RES	ERJ2GEJ 223 X (22K)	T	36.6/27.4
R172	7030005530	S.RES	ERJ2GEJ 100 X (10)	B	39.2/31.1
R173	7030007300	S.RES	ERJ2GEJ 332 X (3.3K)	B	41.5/32.3
R174	7030007300	S.RES	ERJ2GEJ 332 X (3.3K)	B	38.3/38.8
R175	7030008370	S.RES	ERJ2GEJ 561 X (560)	B	35.1/38.8
R176	7030005220	S.RES	ERJ2GEJ 223 X (22K)	T	35.5/40.6
R177	7030005120	S.RES	ERJ2GEJ 102 X (1K)	T	40.1/40.7
R178	7030009290	S.RES	ERJ2GEJ 562 X (5.6K)	T	39.2/40.7
R181	7030007270	S.RES	ERJ2GEJ 151 X (150)	T	35.5/29.6
R182	7030007290	S.RES	ERJ2GEJ 222 X (2.2K)	T	34.0/28.4
R183	7030007290	S.RES	ERJ2GEJ 222 X (2.2K)	T	37.8/41.1
R184	7030005530	S.RES	ERJ2GEJ 100 X (10)	T	37.8/39.3
R185	7030005090	S.RES	ERJ2GEJ 104 X (100K)	T	68.8/32.4
R186	7030005700	S.RES	ERJ2GEJ 274 X (270K)	T	70.4/31.5
R187	7030005090	S.RES	ERJ2GEJ 104 X (100K)	T	67.6/36.3
R188	7030005090	S.RES	ERJ2GEJ 104 X (100K)	T	67.6/34.7
R189	7030004980	S.RES	ERJ2GEJ 101 X (100)	T	68.9/36.8
R190	7030005120	S.RES	ERJ2GEJ 102 X (1K)	B	65.7/46.4
R243	7030005530	S.RES	ERJ2GEJ 100 X (10)	B	82.1/21.9
R244	7030005160	S.RES	ERJ2GEJ 105 X (1M)	B	83.0/21.9
R357	7030005220	S.RES	ERJ2GEJ 223 X (22K)	B	58.7/9.8
R358	7030009280	S.RES	ERJ2GEJ 391 X	B	56.0/8.7
R359	7030005210	S.RES	ERJ2GEJ 822 X (8.2K)	B	56.0/10.5
R360	7030007290	S.RES	ERJ2GEJ 222 X (2.2K)	B	56.0/9.6
R361	7030009290	S.RES	ERJ2GEJ 562 X (5.6K)	B	24.8/41.7
R362	7030005060	S.RES	ERJ2GEJ 333 X (33K)	B	51.6/7.5
R363	7030005000	S.RES	ERJ2GEJ 471 X (470)	B	58.3/8.6
R364	7030005240	S.RES	ERJ2GEJ 473 X (47K)	T	55.3/2.2

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

[MAIN-C UNIT] (For [350 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R365	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	26.2/38.9
R366	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	57.8/12.4
R367	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	53.6/2.2
R368	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	58.3/12.5
R369	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	63.5/10.6
R370	7030005170	S.RES ERJ2GEJ 474 X (470K)	T	68.0/14.1
R371	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	60.3/11.6
R372	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	60.3/10.7
R373	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	75.4/11.6
R388	7030011120	S.RES ERJ2RHD 2702X (27.0K)	T	73.9/20.9
R389	7030012510	S.RES ERJ2RHD 3901X (3.90K)	T	71.0/20.2
R390	7030012520	S.RES ERJ2RHD 8201X (8.20K)	T	71.4/21.5
R393	7030005170	S.RES ERJ2GEJ 474 X (470K)	B	61.7/8.9
R394	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	59.9/7.3
R395	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	60.8/8.9
R396	7030008300	S.RES ERJ2GEJ 184 X (180K)	B	60.8/7.3
R397	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	60.6/5.7
R398	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	61.7/7.3
R405	7030011290	S.RES ERJ12YJ1R8U (1.8)	T	31.5/35.6
R406	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	12.6/45.7
R408	7030004980	S.RES ERJ2GEJ 101 X (100)	B	35.6/46.3
R412	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	15.9/39.5
R413	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	18.6/34.7
R414	7030005230	S.RES ERJ2GEJ 334 X (330K)	B	20.6/34.1
R416	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	21.5/36.0
R417	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	21.3/37.3
R418	7030009280	S.RES ERJ2GEJ 391 X	B	19.8/37.9
R420	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	89.8/25.2
R421	7210003390	VAR F081165S-5 A10K L15FCX7 <SLVJ>		
R422	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	64.6/6.9
R423	7030012530	S.RES ERJ2RHD 3302X (33.0K)	T	6.2/36.5
R424	7030012540	S.RES ERJ2RHD 1502X (15.0K)	T	4.8/38.4
R426	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	T	66.4/3.5
R427	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	64.8/3.5
R428	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	64.8/5.5
R429	7030008310	S.RES ERJ2GEJ 564 X (560K)	T	66.4/5.5
R430	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	63.2/4.5
R431	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	68.9/15.7
R432	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	68.9/17.3
R433	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	67.8/37.8
R434	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	68.7/37.8
R435	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	70.6/14.4
R436	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	72.2/14.0
R437	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	15.0/37.0
R439	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	63.2/5.5
R440	7030009280	S.RES ERJ2GEJ 391 X	B	17.4/43.5
R441	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	18.6/33.8
R442	7030007280	S.RES ERJ2GEJ 331 X (330)	B	21.5/35.1
R444	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	90.3/12.5
R451	7030005060	S.RES ERJ2GEJ 333 X (33K)	T	24.7/30.5
R452	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	21.3/28.9
R453	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	21.3/28.0
R454	7030005310	S.RES ERJ2GEJ 124 X (120K)	T	23.0/30.5
R455	7030010040	S.RES ERJ2GEJ-JPW	T	21.3/31.4
R468	7030005010	S.RES ERJ2GEJ 681 X (680)	T	75.6/19.8
R469	7030008280	S.RES ERJ2GEJ 271 X (270)	T	77.5/20.4
R491	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	71.1/8.3
R492	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	T	72.0/3.7
R493	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	70.3/4.6
R494	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	70.3/5.5
R495	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	70.7/7.1
R496	7030005080	S.RES ERJ2GEJ 823 X (82K)	T	73.7/5.5
R497	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	66.4/13.0
R498	7030008290	S.RES ERJ2GEJ 183 X (18K)	T	71.6/14.5
R499	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	72.3/8.9
R500	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	70.2/9.9
R502	7030005170	S.RES ERJ2GEJ 474 X (470K)	B	69.3/9.9
R503	7030004980	S.RES ERJ2GEJ 101 X (100)	B	61.9/11.6
R504	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	67.3/13.0
R517	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	63.3/13.5
R518	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	62.1/14.8
R527	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	64.6/13.0
R610	7030005080	S.RES ERJ2GEJ 823 X (82K)	T	65.3/13.0
R611	7030010040	S.RES ERJ2GEJ-JPW	T	64.6/10.6
R612	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	64.6/8.6
R614	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	62.1/13.1
R615	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	69.6/6.2
R616	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	68.4/8.3
R618	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	67.4/3.9
R619	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	68.4/5.1
R620	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	92.7/10.0
R621	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	93.6/10.0
R622	7030008290	S.RES ERJ2GEJ 183 X (18K)	T	92.7/8.0
R623	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	T	6.4/46.2
R624	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	90.3/10.9
R625	7030005700	S.RES ERJ2GEJ 274 X (270K)	B	7.8/37.2
R626	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	6.2/37.2
R627	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	77.5/21.3
R628	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	88.1/15.7
R630	7030010040	S.RES ERJ2GEJ-JPW	B	63.3/15.2
R631	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	85.3/25.0
R632	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	82.9/23.1
R633	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	85.7/21.9
R634	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	82.7/11.4
R635	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	88.1/14.8
R636	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	88.1/13.9
R637	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	91.4/21.3
R638	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	77.4/16.1
R639	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	78.6/15.7
R640	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	74.8/13.1
R641	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	77.5/22.2
R646	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	93.0/22.8
R647	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	90.3/20.9
R651	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	86.5/13.4

[MAIN-C UNIT] (For [350 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R652	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	90.5/22.1
R653	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	84.8/21.9
R657	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	84.9/13.1
R661	7410001130	S.ARR EXB28V102JX	B	90.9/12.3
R662	7410001130	S.ARR EXB28V102JX	B	90.9/14.8
R663	7410001130	S.ARR EXB28V102JX	B	88.4/22.3
R664	7410001150	S.ARR EXB28V471JX	B	80.2/22.3
R665	7410001130	S.ARR EXB28V102JX	B	77.2/22.3
R666	7410001130	S.ARR EXB28V102JX	B	75.3/11.1
R667	7410001130	S.ARR EXB28V102JX	B	79.4/6.4
R668	7410001130	S.ARR EXB28V102JX	B	82.4/6.4
R669	7410001130	S.ARR EXB28V102JX	B	85.2/6.4
R683	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	90.7/19.7
R688	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	81.0/13.1
R691	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	83.1/12.6
R692	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	92.3/20.4
R693	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	93.6/21.9
R694	7030012540	S.RES ERJ2RHD 1502X (15.0K)	B	91.9/20.8
R904	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	73.6/30.0
R905	7030007250	S.RES ERJ2GEJ 220 X (22)	T	75.2/33.2
R906	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	T	75.2/34.1
R907	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	76.1/30.2
R908	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	71.6/31.9
R909	7030004980	S.RES ERJ2GEJ 101 X (100)	B	76.1/29.3
R910	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	79.4/32.9
R911	7030010040	S.RES ERJ2GEJ-JPW	B	83.3/33.6
R912	7030004980	S.RES ERJ2GEJ 101 X (100)	B	85.2/29.5
R913	7030004980	S.RES ERJ2GEJ 101 X (100)	B	85.2/30.4
R914	7030010040	S.RES ERJ2GEJ-JPW	B	75.9/42.5
R915	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	84.8/34.2
R916	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	79.0/38.0
R917	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	85.6/32.1
R918	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	81.5/28.6
R919	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	80.0/29.8
R920	7030010040	S.RES ERJ2GEJ-JPW	B	82.4/28.6
R921	7030010040	S.RES ERJ2GEJ-JPW	T	79.8/31.7
R922	7030004980	S.RES ERJ2GEJ 101 X (100)	B	85.5/35.2
R923	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	72.3/46.3
R925	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	75.5/49.3
R930	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	83.0/28.9
R931	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	82.1/28.2
R932	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	82.1/29.8
R933	7030004970	S.RES ERJ2GEJ 470 X (47)	B	72.3/45.4
R934	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	76.9/48.6
R935	7030004970	S.RES ERJ2GEJ 470 X (47)	B	81.4/48.6
R936	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	79.6/48.6
R937	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	78.7/48.6
R938	7030004980	S.RES ERJ2GEJ 101 X (100)	B	79.9/43.8
R939	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	79.9/42.0
R940	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	76.8/41.8
R941	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	77.7/42.5
R945	7410001140	S.ARR EXB28V104JX	T	86.5/43.9
R946	7410001140	S.ARR EXB28V104JX	B	82.9/41.4
R947	7410001140	S.ARR EXB28V104JX	B	92.3/37.0
R948	7410001140	S.ARR EXB28V104JX	B	87.8/35.8
R949	7410001140	S.ARR EXB28V104JX	B	93.9/33.0
R950	7410001140	S.ARR EXB28V104JX	B	88.4/33.0
R951	7410001140	S.ARR EXB28V104JX	T	84.8/29.3
R952	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	78.1/36.8
R953	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	78.8/37.7
R956	7030010040	S.RES ERJ2GEJ-JPW	B	96.3/32.9
R957	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	94.7/30.9
R958	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	85.7/42.4
R961	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	90.9/30.9
R962	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	89.5/28.4
R963	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	95.4/32.9
R964	7410001140	S.ARR EXB28V104JX	B	85.9/39.4
R965	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	78.8/29.8
R966	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	77.9/29.8
R968	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	88.9/18.3
R969	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	88.2/19.7
R970	7030010040	S.RES ERJ2GEJ-JPW	B	71.4/38.1
R971	7030010040	S.RES ERJ2GEJ-JPW	B	75.3/38.0
R972	7030010040	S.RES ERJ2GEJ-JPW	B	74.0/38.6
R973	7030004970	S.RES ERJ2GEJ 470 X (47)	B	84.7/36.7
R974	7030004970	S.RES ERJ2GEJ 470 X (47)	B	82.5/37.7
C1	4030017350	S.CER C1005 CH 1H 020B-T	B	8.5/5.7
C2	4030017620	S.CER C1005 CH 1H 100C-T	B	10.6/5.7
C3	4030017340	S.CER C1005 CH 1H 010B-T	B	12.2/8.0
C4	4030017560	S.CER C1005 CH 1H 2R5B-T	B	8.9/10.5
C5	4030017620	S.CER C1005 CH 1H 100C-T	B	10.7/14.9
C6	4030017340	S.CER C1005 CH 1H 010B-T	B	12.2/10.0
C7	4030017460	S.CER C1005 JB 1H 102K-T	B	14.7/9.5
C8	4030017570	S.CER C1005 CH 1H 040B-T	B	12.4/14.9
C9	4030017380	S.CER C1005 CH 1H 050B-T	B	12.4/15.8
C10	4030017460	S.CER C1005 JB 1H 102K-T	B	14.8/13.5
C11	4030017460	S.CER C1005 JB 1H 102K-T	B	16.4/13.5
C12	4030017640	S.CER C1005 CH 1H 150J-T	B	17.2/12.0
C13	4030017640	S.CER C1005 CH 1H 150J-T	B	19.7/11.8
C14	4030008750	S.CER C1608 CH 1H 360J-T	B	21.4/10.3
C15	4030009520	S.CER C1608 CH 1H 020B-T	B	22.8/10.3
C18	4030017460	S.CER C1005 JB 1H 102K-T	B	19.8/19.2
C19	4030017460	S.CER C1005 JB 1H 102K-T	B	18.2/19.2
C26	4030017460	S.CER C1005 JB 1H 102K-T	T	29.4/5.7
C27	4030017460	S.CER C1005 JB 1H 102K-T	T	37.2/5.7
C28	4030017460	S.CER C1005 JB 1H 102K-T	T	33.9/11.5
C30	4030018890	S.CER C1005 JB 0J 224K-T	T	32.8/6.6
C31	4030016930	S.CER C1005 JB 1A 104K-T	T	34.8/11.5
C32	4030017460	S.CER C1005 JB 1H 102K-T	T	35.7/9.9
C33	4030017460	S.CER C1005 JB 1H 102K-T	T	37.2/7.5
C34	4030018910	S.CER C1608 JB 0J 475K-T	T	37.2/9.6
C35	4030017460	S.CER C1005 JB 1H 102K-T	B	37.3/9.2
C36	4030017420	S.CER C1005 CH 1H 470J-T	B	23.8/16.1

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

[MAIN-C UNIT] (For [350 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C37	4030017720	S.CER C1005 JB 1H 331K-T	B	24.7/16.1
C38	4030017460	S.CER C1005 JB 1H 102K-T	B	32.7/15.1
C39	4030017420	S.CER C1005 CH 1H 470J-T	B	32.7/14.1
C45	4030017500	S.CER C1005 CH 1H 560J-T	B	32.7/12.1
C47	4030017720	S.CER C1005 JB 1H 331K-T	B	32.3/9.2
C48	4030017420	S.CER C1005 CH 1H 470J-T	B	23.6/19.7
C49	4030017460	S.CER C1005 JB 1H 102K-T	B	21.2/19.7
C50	4030017420	S.CER C1005 CH 1H 470J-T	T	22.1/17.8
C52	4030017460	S.CER C1005 JB 1H 102K-T	B	41.0/8.9
C53	4030017720	S.CER C1005 JB 1H 331K-T	B	42.6/10.7
C54	4030017460	S.CER C1005 JB 1H 102K-T	B	42.6/8.9
C55	4030017590	S.CER C1005 CH 1H 070C-T	B	39.1/12.5
C57	4030017720	S.CER C1005 JB 1H 331K-T	B	37.3/10.8
C59	4030017590	S.CER C1005 CH 1H 070C-T	B	43.7/14.0
C60	4030017420	S.CER C1005 CH 1H 470J-T	B	45.5/8.9
C61	4030017460	S.CER C1005 JB 1H 102K-T	B	47.1/11.6
C62	4030017600	S.CER C1005 CH 1H 080C-T	B	45.5/11.6
C63	4030017380	S.CER C1005 CH 1H 050B-T	B	47.4/15.2
C64	4030017460	S.CER C1005 JB 1H 102K-T	B	49.6/12.1
C65	4030017460	S.CER C1005 JB 1H 102K-T	B	51.2/14.0
C66	4030017350	S.CER C1005 CH 1H 020B-T	T	60.1/17.7
C67	4030017350	S.CER C1005 CH 1H 020B-T	B	51.7/15.7
C68	4030017460	S.CER C1005 JB 1H 102K-T	T	23.0/17.8
C71	4030017620	S.CER C1005 CH 1H 100C-T	T	52.9/17.7
C72	4030017460	S.CER C1005 JB 1H 102K-T	B	57.1/16.2
C73	4030017460	S.CER C1005 JB 1H 102K-T	T	53.8/19.3
C74	4030017380	S.CER C1005 CH 1H 050B-T	T	58.3/19.3
C75	4030017420	S.CER C1005 CH 1H 470J-T	B	47.1/10.7
C76	4030017460	S.CER C1005 JB 1H 102K-T	B	55.4/17.1
C77	4030017460	S.CER C1005 JB 1H 102K-T	T	64.6/19.3
C78	4030017460	S.CER C1005 JB 1H 102K-T	T	59.2/19.9
C79	4030016930	S.CER C1005 JB 1A 104K-T	B	66.1/18.1
C81	4030017360	S.CER C1005 CH 1H 030B-T	T	58.3/17.7
C82	4030017420	S.CER C1005 CH 1H 470J-T	B	53.6/20.7
C83	4030017540	S.CER C1005 CH 1H R75B-T	T	58.3/22.2
C84	4030017720	S.CER C1005 JB 1H 331K-T	T	54.4/22.7
C85	4030017460	S.CER C1005 JB 1H 102K-T	T	54.4/21.8
C86	4030017380	S.CER C1005 CH 1H 050B-T	T	56.5/24.5
C87	4030017390	S.CER C1005 CH 1H 180J-T	T	54.4/23.6
C88	4030017400	S.CER C1005 CH 1H 220J-T	T	56.5/25.4
C89	4030017660	S.CER C1005 CH 1H 330J-T	T	56.1/26.6
C90	4030017530	S.CER C1005 CH 1H 0R5B-T	T	53.5/27.7
C91	4030018860	S.CER C1005 JB 0J 105K-T	B	60.1/29.6
C92	4030017650	S.CER C1005 CH 1H 270J-T	T	55.1/27.7
C93	4030017720	S.CER C1005 JB 1H 331K-T	B	56.5/30.6
C94	4030017420	S.CER C1005 CH 1H 470J-T	B	50.1/25.7
C95	4030017420	S.CER C1005 CH 1H 470J-T	B	42.6/8.0
C96	4030018910	S.CER C1608 JB 0J 475K-T	B	67.8/30.8
C101	4030017530	S.CER C1005 CH 1H 0R5B-T	T	59.5/22.2
C102	4030017460	S.CER C1005 JB 1H 102K-T	T	64.2/20.6
C103	4030017420	S.CER C1005 CH 1H 470J-T	T	64.2/21.5
C104	4030017380	S.CER C1005 CH 1H 050B-T	T	60.4/23.8
C105	4030017630	S.CER C1005 CH 1H 120J-T	T	64.2/22.4
C106	4030017630	S.CER C1005 CH 1H 120J-T	T	61.9/25.1
C107	4030017640	S.CER C1005 CH 1H 150J-T	T	60.6/27.4
C108	4030017590	S.CER C1005 CH 1H 070C-T	T	64.2/23.3
C109	4030017460	S.CER C1005 JB 1H 102K-T	B	61.5/24.9
C110	4030017530	S.CER C1005 CH 1H 0R5B-T	T	62.6/26.4
C111	4030017640	S.CER C1005 CH 1H 150J-T	T	61.5/27.4
C112	4030017460	S.CER C1005 JB 1H 102K-T	B	58.5/29.0
C116	4030018860	S.CER C1005 JB 0J 105K-T	B	63.7/29.6
C117	4030017910	S.CER C1005 JB 1H 152K-T	B	62.1/29.6
C118	4030017420	S.CER C1005 CH 1H 470J-T	B	66.5/29.1
C119	4550006270	S.TAN TEESVP 1A 105M8R	B	60.3/27.3
C120	4030017460	S.CER C1005 JB 1H 102K-T	B	62.1/31.4
C121	4030019560	S.CER GRM21BB31C106KE15L	B	59.9/19.7
C122	4030016790	S.CER C1005 JB 1E 103K-T	B	65.0/15.5
C123	4030017460	S.CER C1005 JB 1H 102K-T	B	47.0/29.0
C124	4030017460	S.CER C1005 JB 1H 102K-T	B	65.3/31.4
C127	4030017460	S.CER C1005 JB 1H 102K-T	T	63.0/33.8
C132	4550000560	S.TAN TEESVA 1V 334M8R	T	48.3/21.4
C134	4550003250	S.TAN TEESVA 1V 474M8R	T	46.7/29.8
C141	4030017380	S.CER C1005 CH 1H 050B-T	B	51.5/20.0
C144	4030017430	S.CER C1005 CH 1H 101J-T	T	43.3/20.5
C145	4030018890	S.CER C1005 JB 0J 224K-T	T	42.4/20.5
C146	4030018890	S.CER C1005 JB 0J 224K-T	T	41.5/20.5
C147	4030017460	S.CER C1005 JB 1H 102K-T	T	46.4/21.1
C148	4030019560	S.CER GRM21BB31C106KE15L	B	44.0/26.2
C149	4030017430	S.CER C1005 CH 1H 101J-T	T	44.2/20.5
C150	4030016790	S.CER C1005 JB 1E 103K-T	T	43.9/28.1
C151	4030017430	S.CER C1005 CH 1H 101J-T	T	43.9/27.2
C152	4030017460	S.CER C1005 JB 1H 102K-T	T	43.9/29.0
C153	4030017420	S.CER C1005 CH 1H 470J-T	T	43.1/30.4
C154	4030017420	S.CER C1005 CH 1H 470J-T	T	42.2/30.4
C155	4030017420	S.CER C1005 CH 1H 470J-T	T	41.3/30.4
C156	4030016930	S.CER C1005 JB 1A 104K-T	T	40.4/30.4
C157	4030017460	S.CER C1005 JB 1H 102K-T	T	41.0/18.8
C158	4030017620	S.CER C1005 CH 1H 100C-T	T	39.2/18.8
C159	4030016930	S.CER C1005 JB 1A 104K-T	T	40.1/11.0
C160	4030017460	S.CER C1005 JB 1H 102K-T	T	41.9/11.0
C167	4030017620	S.CER C1005 CH 1H 100C-T	B	49.3/21.3
C168	4030017620	S.CER C1005 CH 1H 100C-T	B	48.4/21.3
C171	4030017580	S.CER C1005 CH 1H 060C-T	B	15.3/16.0
C172	4030017570	S.CER C1005 CH 1H 040B-T	B	15.3/17.2
C173	4030017460	S.CER C1005 JB 1H 102K-T	B	13.9/18.8
C175	4030017590	S.CER C1005 CH 1H 070C-T	B	13.9/20.5
C176	4030017400	S.CER C1005 CH 1H 220J-T	B	15.8/23.9
C177	4030017580	S.CER C1005 CH 1H 060C-T	B	15.8/24.8
C178	4030017350	S.CER C1005 CH 1H 020B-T	B	14.5/25.2
C179	4030017580	S.CER C1005 CH 1H 060C-T	B	15.8/25.7
C180	4030017400	S.CER C1005 CH 1H 220J-T	B	15.8/26.6
C181	4030017590	S.CER C1005 CH 1H 070C-T	B	17.4/29.0
C182	4030017460	S.CER C1005 JB 1H 102K-T	B	21.7/21.9
C183	4030017460	S.CER C1005 JB 1H 102K-T	B	20.1/25.4
C184	4030016930	S.CER C1005 JB 1A 104K-T	B	20.1/26.3

[MAIN-C UNIT] (For [350 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C186	4030016930	S.CER C1005 JB 1A 104K-T	B	19.2/31.0
C188	4030017460	S.CER C1005 JB 1H 102K-T	B	23.2/31.0
C189	4030017460	S.CER C1005 JB 1H 102K-T	B	23.9/25.4
C192	4030017460	S.CER C1005 JB 1H 102K-T	B	23.9/27.2
C194	4030017460	S.CER C1005 JB 1H 102K-T	B	22.1/27.2
C195	4030017550	S.CER C1005 CH 1H 1R5B-T	B	23.2/28.5
C196	4030017630	S.CER C1005 CH 1H 120J-T	B	27.4/28.5
C197	4030017530	S.CER C1005 CH 1H 0R5B-T	B	29.2/28.9
C198	4030017630	S.CER C1005 CH 1H 120J-T	B	31.0/28.5
C199	4030017340	S.CER C1005 CH 1H 010B-T	B	34.4/26.4
C200	4030017640	S.CER C1005 CH 1H 150J-T	B	34.5/27.9
C201	4030017460	S.CER C1005 JB 1H 102K-T	B	31.4/23.8
C203	4030016930	S.CER C1005 JB 1A 104K-T	B	29.7/24.7
C206	4030017420	S.CER C1005 CH 1H 470J-T	B	47.4/16.6
C208	4030017560	S.CER C1005 CH 1H 2R5B-T	B	36.4/20.7
C209	4030017560	S.CER C1005 CH 1H 2R5B-T	B	35.4/22.3
C210	4030017380	S.CER C1005 CH 1H 050B-T	B	35.4/23.9
C211	4030017460	S.CER C1005 JB 1H 102K-T	B	34.4/22.3
C213	4030017420	S.CER C1005 CH 1H 470J-T	B	38.2/23.9
C214	4030017460	S.CER C1005 JB 1H 102K-T	B	37.3/23.9
C215	4030017390	S.CER C1005 CH 1H 180J-T	B	41.9/26.3
C216	4030017460	S.CER C1005 JB 1H 102K-T	B	41.0/23.9
C217	4030016790	S.CER C1005 JB 1E 103K-T	B	40.1/23.9
C218	4030016790	S.CER C1005 JB 1E 103K-T	B	37.3/28.1
C221	4030017420	S.CER C1005 CH 1H 470J-T	B	36.1/28.8
C223	4030017460	S.CER C1005 JB 1H 102K-T	B	41.9/22.3
C224	4030017460	S.CER C1005 JB 1H 102K-T	B	45.7/17.6
C225	4030016790	S.CER C1005 JB 1E 103K-T	T	39.5/38.8
C226	4030016790	S.CER C1005 JB 1E 103K-T	B	37.3/44.4
C227	4030016790	S.CER C1005 JB 1E 103K-T	B	36.3/40.8
C231	4030017430	S.CER C1005 CH 1H 101J-T	B	40.6/42.6
C232	4030017660	S.CER C1005 CH 1H 330J-T	T	42.0/38.9
C233	4030017420	S.CER C1005 CH 1H 470J-T	B	41.1/39.0
C235	4030019560	S.CER GRM21BB31C106KE15L	B	44.5/42.6
C236	4030017460	S.CER C1005 JB 1H 102K-T	B	47.1/43.1
C238	4030017460	S.CER C1005 JB 1H 102K-T	B	41.1/40.1
C239	4030017720	S.CER C1005 JB 1H 331K-T	T	43.1/40.1
C240	4030017460	S.CER C1005 JB 1H 102K-T	B	44.7/35.5
C241	4030017670	S.CER C1005 CH 1H 390J-T	B	46.5/32.8
C242	4030017700	S.CER C1005 CH 1H 151J-T	B	48.3/34.6
C243	4030017700	S.CER C1005 CH 1H 151J-T	B	46.5/35.5
C244	4030016930	S.CER C1005 JB 1A 104K-T	B	50.2/37.0
C246	4030019460	S.CER C1608 JB 0J 106M-T	T	68.8/30.7
C247	4030017670	S.CER C1005 CH 1H 390J-T	T	70.4/32.4
C248	4030016930	S.CER C1005 JB 1A 104K-T	T	68.9/37.7
C251	4030017360	S.CER C1005 CH 1H 030B-T	T	44.1/36.8
C252	4030017500	S.CER C1005 CH 1H 560J-T	T	42.5/36.8
C253	4030017580	S.CER C1005 CH 1H 060C-T	T	44.1/35.9
C254	4030017500	S.CER C1005 CH 1H 560J-T	T	42.6/34.6
C255	4030016790	S.CER C1005 JB 1E 103K-T	T	45.1/32.1
C256	4030017620	S.CER C1005 CH 1H 100C-T	T	39.2/23.7
C257	4030016790	S.CER C1005 JB 1E 103K-T	T	40.9/34.6
C261	4030016790	S.CER C1005 JB 1E 103K-T	B	50.5/38.6
C262	4030016790	S.CER C1005 JB 1E 103K-T	B	50.2/40.7
C263	4030016790	S.CER C1005 JB 1E 103K-T	B	57.1/41.5
C264	4030016790	S.CER C1005 JB 1E 103K-T	B	53.9/36.0
C265	4030016790	S.CER C1005 JB 1E 103K-T	B	58.7/36.9
C266	4030016930	S.CER C1005 JB 1A 104K-T	B	56.3/37.5
C267	4030016930	S.CER C1005 JB 1A 104K-T	B	58.1/35.7
C271	4030016930	S.CER C1005 JB 1A 104K-T	B	61.5/43.8
C272	4030016930	S.CER C1005 JB 1A 104K-T	B	62.4/41.9
C273	4030016930	S.CER C1005 JB 1A 104K-T	B	65.7/45.5
C274	4030016930	S.CER C1005 JB 1A 104K-T	B	68.9/42.0
C275	4030017040	S.CER C1005 JB 1A 333K-T	B	68.1/46.4
C276	4030017650	S.CER C1005 CH 1H 270J-T	B	67.3/42.0
C277	4030016930	S.CER C1005 JB 1A 104K-T	B	65.7/41.0
C282	4030016790	S.CER C1005 JB 1E 103K-T	B	40.8/31.1
C283	4030017580	S.CER C1005 CH 1H 060C-T	B	39.0/35.3
C284	4030016790	S.CER C1005 JB 1E 103K-T	B	36.7/38.8
C286	4030016790	S.CER C1005 JB 1E 103K-T	T	34.9/28.4
C287	4030017570	S.CER C1005 CH 1H 040B-T	T	37.1/29.6
C288	4030017610	S.CER C1005 CH 1H 090C-T	T	39.9/32.3
C290	4030016790	S.CER C1005 JB 1E 103K-T	T	37.8/40.2
C291	4030016930	S.CER C1005 JB 1A 104K-T	B	42.4/32.3
C292	4030016930	S.CER C1005 JB 1A 104K-T	T	38.3/44.1
C293	4030017460	S.CER C1005 JB 1H 102K-T	T	40.1/42.4
C300	4030020000	S.CER C1005 JB 1A 105K-T	T	30.9/15.9
C311	4030018860	S.CER C1005 JB 0J 105K-T	T	24.7/31.4
C312	4030017710	S.CER C1005 CH 1H 181J-T	T	23.0/31.4
C313	4030016930	S.CER C1005 JB 1A 104K-T	T	21.3/27.1
C318	4030016790	S.CER C1005 JB 1E 103K-T	B	73.7/20.5
C319	4030016930	S.CER C1005 JB 1A 104K-T	B	75.4/23.6
C322	4030018860	S.CER C1005 JB 0J 105K-T	B	75.3/5.1
C323	4030016930	S.CER C1005 JB 1A 104K-T	B	68.4/9.9
C324	4030017740	S.CER C1005 JB 1H 821K-T	B	68.4/6.7
C325	4030016790	S.CER C1005 JB 1E 103K-T	T	80.2/9.6
C327	4030017900	S.CER C1005 JB 1E 123K-T	B	60.9/14.3
C328	4030020010	S.CER C1005 CH 1H 271J-T	B	63.3/12.6
C334	4030017460	S.CER C1005 JB 1H 102K-T	B	15.0/46.6
C335	4030017460	S.CER C1005 JB 1H 102K-T	B	24.6/38.2
C336	4030018860	S.CER C1005 JB 0J 105K-T	B	57.3/8.6
C337	4030017460	S.CER C1005 JB 1H 102K-T	B	52.5/7.5
C338	4030017460	S.CER C1005 JB 1H 102K-T	B	50.7/7.5
C339	4030017460	S.CER C1005 JB 1H 102K-T	B	53.4/7.5
C340	4030016930	S.CER C1005 JB 1A 104K-T	B	57.3/10.2
C341	4030018860	S.CER C1005 JB 0J 105K-T	B	58.3/11.1
C342	4030017460	S.CER C1005 JB 1H 102K-T	B	47.1/6.6
C343	4030019560	S.CER GRM21BB31C106KE15L	B	57.6/6.9
C344	4030016930	S.CER C1005 JB 1A 104K-T	B	55.1/2.2
C361	4030016930	S.CER C1005 JB 1A 104K-T	B	69.0/14.4
C364	4030017430	S.CER C1005 CH 1H 101J-T	B	64.5/3.9
C376	4030017460	S.CER C1005 JB 1H 102K-T	T	73.0/20.9
C377	4550007320	S.TAN F930J226MAABMA	T	72.5/17.6
C378	4030017460	S.CER C1005 JB 1H 102K-T	T	73.0/22.5
C380	4030017510	S.CER C1005 CH 1H 680J-T	T	68.0/15.0

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

[MAIN-C UNIT] (For [350 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C381	4030016930	S.CER C1005 JB 1A 104K-T	T	68.0/4.5
C382	4030016930	S.CER C1005 JB 1A 104K-T	T	66.4/4.5
C383	4030018860	S.CER C1005 JB 0J 105K-T	T	64.8/4.5
C384	4030018860	S.CER C1005 JB 0J 105K-T	T	63.2/7.0
C385	4030016930	S.CER C1005 JB 1A 104K-T	T	63.2/3.5
C386	4030016930	S.CER C1005 JB 1A 104K-T	T	64.4/12.5
C388	4030017460	S.CER C1005 JB 1H 102K-T	B	20.9/3.5
C389	4030017460	S.CER C1005 JB 1H 102K-T	B	43.9/2.5
C390	4030017460	S.CER C1005 JB 1H 102K-T	B	53.3/2.6
C391	4030017420	S.CER C1005 CH 1H 470J-T	B	37.3/46.3
C392	4030017420	S.CER C1005 CH 1H 470J-T	B	29.1/43.9
C393	4520000020	S.NIO NOJC227M006RWJV	B	19.8/40.5
C394	4030017460	S.CER C1005 JB 1H 102K-T	B	28.2/43.9
C395	4520000020	S.NIO NOJC227M006RWJV	T	21.2/37.1
C396	4030017460	S.CER C1005 JB 1H 102K-T	T	27.1/47.4
C397	4030017460	S.CER C1005 JB 1H 102K-T	T	25.2/37.4
C398	4030017460	S.CER C1005 JB 1H 102K-T	B	12.2/32.0
C399	4030016930	S.CER C1005 JB 1A 104K-T	B	22.2/37.3
C400	4550006250	S.TAN TEESVA 1A 106M8R	T	12.9/40.8
C401	4030016930	S.CER C1005 JB 1A 104K-T	B	12.2/37.6
C403	4030018890	S.CER C1005 JB 0J 224K-T	B	15.0/39.5
C404	4030016930	S.CER C1005 JB 1A 104K-T	B	12.2/38.5
C405	4030018860	S.CER C1005 JB 0J 105K-T	B	19.3/33.7
C406	4030017460	S.CER C1005 JB 1H 102K-T	T	20.2/34.7
C408	4030016930	S.CER C1005 JB 1A 104K-T	T	4.8/37.5
C412	4030017460	S.CER C1005 JB 1H 102K-T	T	6.5/42.8
C413	4030017460	S.CER C1005 JB 1H 102K-T	B	7.7/31.9
C418	4030017420	S.CER C1005 CH 1H 470J-T	B	13.1/32.0
C420	4030017420	S.CER C1005 CH 1H 470J-T	B	7.7/32.8
C423	4030016790	S.CER C1005 JB 1E 103K-T	B	67.7/18.1
C426	4030016790	S.CER C1005 JB 1E 103K-T	B	67.8/39.4
C427	4030016930	S.CER C1005 JB 1A 104K-T	T	73.7/15.3
C428	4030017460	S.CER C1005 JB 1H 102K-T	T	16.4/32.2
C429	4030016790	S.CER C1005 JB 1E 103K-T	B	72.2/14.9
C430	4030016930	S.CER C1005 JB 1A 104K-T	T	63.4/9.0
C431	4510009870	S.ELE 10 CE 100 LD	T	14.7/27.1
C432	4030017460	S.CER C1005 JB 1H 102K-T	T	92.7/6.4
C433	4030017460	S.CER C1005 JB 1H 102K-T	T	17.3/32.2
C434	4030016790	S.CER C1005 JB 1E 103K-T	T	14.3/32.6
C435	4550007320	S.TAN F930J226MAABMA	T	19.5/30.8
C437	4030017460	S.CER C1005 JB 1H 102K-T	T	14.3/31.7
C448	4030019490	S.CER C2012 JB 1A 106K-T	B	28.3/46.0
C451	4030016930	S.CER C1005 JB 1A 104K-T	B	86.6/21.9
C452	4030016930	S.CER C1005 JB 1A 104K-T	B	86.2/25.0
C453	4030017640	S.CER C1005 CH 1H 150J-T	T	83.9/22.5
C454	4030017580	S.CER C1005 CH 1H 060C-T	T	85.2/21.1
C455	4030017640	S.CER C1005 CH 1H 150J-T	B	83.9/21.9
C456	4030016930	S.CER C1005 JB 1A 104K-T	T	82.7/10.5
C457	4030017030	S.CER C1005 JB 1A 273K-T	T	86.0/9.3
C458	4030018900	S.CER C1005 JB 0J 474K-T	T	84.2/20.0
C459	4050000240	S.FEE NFM18PC104R1C3D	B	65.3/48.4
C461	4030019990	S.CER C1005 JB 1C 104K-T	B	96.4/13.1
C462	4030020190	S.CER GRM32EB31C476KE15L	B	96.4/9.1
C463	4030019990	S.CER C1005 JB 1C 104K-T	T	93.6/8.0
C464	4030020190	S.CER GRM32EB31C476KE15L	T	90.7/7.0
C465	4050000240	S.FEE NFM18PC104R1C3D	T	88.5/8.2
C466	4030018860	S.CER C1005 JB 0J 105K-T	T	88.5/9.9
C467	4030018860	S.CER C1005 JB 0J 105K-T	T	89.1/11.7
C468	4030020190	S.CER GRM32EB31C476KE15L	B	92.4/8.0
C482	4030017920	S.CER C1005 JB 1A 683K-T	T	72.0/4.6
C483	4030018860	S.CER C1005 JB 0J 105K-T	T	70.3/3.7
C484	4030018860	S.CER C1005 JB 0J 105K-T	T	72.0/5.5
C485	4030018860	S.CER C1005 JB 0J 105K-T	B	74.7/6.6
C486	4030016930	S.CER C1005 JB 1A 104K-T	T	70.7/14.5
C487	4030018860	S.CER C1005 JB 0J 105K-T	T	72.5/14.5
C488	4030018860	S.CER C1005 JB 0J 105K-T	T	73.7/14.4
C489	4030018860	S.CER C1005 JB 0J 105K-T	B	65.5/13.0
C490	4030017920	S.CER C1005 JB 1A 683K-T	T	73.7/3.7
C491	4030016790	S.CER C1005 JB 1E 103K-T	T	73.7/4.6
C492	4030017430	S.CER C1005 CH 1H 101J-T	B	70.2/8.3
C493	4030018100	S.CER C1005 JB 1H 681K-T	B	71.4/10.7
C494	4030016790	S.CER C1005 JB 1E 103K-T	B	69.3/8.3
C501	4030016930	S.CER C1005 JB 1A 104K-T	B	74.4/16.2
C502	4030016930	S.CER C1005 JB 1A 104K-T	B	75.5/18.0
C503	4030016930	S.CER C1005 JB 1A 104K-T	B	74.4/15.3
C504	4030016930	S.CER C1005 JB 1A 104K-T	B	74.4/17.1
C505	4030016930	S.CER C1005 JB 1A 104K-T	B	74.4/14.4
C506	4030016930	S.CER C1005 JB 1A 104K-T	B	75.6/19.3
C507	4030018860	S.CER C1005 JB 0J 105K-T	T	83.3/8.9
C508	4030017460	S.CER C1005 JB 1H 102K-T	T	84.2/8.9
C509	4030018860	S.CER C1005 JB 0J 105K-T	T	86.4/19.6
C510	4030017460	S.CER C1005 JB 1H 102K-T	T	88.5/10.8
C511	4030018860	S.CER C1005 JB 0J 105K-T	T	91.4/22.2
C512	4030018860	S.CER C1005 JB 0J 105K-T	B	75.7/13.1
C513	4030016930	S.CER C1005 JB 1A 104K-T	T	87.3/19.6
C514	4030018860	S.CER C1005 JB 0J 105K-T	T	76.7/18.6
C515	4030017460	S.CER C1005 JB 1H 102K-T	B	94.6/22.8
C900	4030016930	S.CER C1005 JB 1A 104K-T	T	75.5/35.6
C901	4030018910	S.CER C1608 JB 0J 475K-T	T	76.0/36.7
C902	4050000240	S.FEE NFM18PC104R1C3D	B	70.4/41.2
C903	4050000240	S.FEE NFM18PC104R1C3D	B	72.3/39.3
C904	4050000240	S.FEE NFM18PC104R1C3D	B	73.1/41.2
C905	4050000240	S.FEE NFM18PC104R1C3D	B	72.3/36.9
C907	4030017460	S.CER C1005 JB 1H 102K-T	T	75.2/32.3
C908	4030018910	S.CER C1608 JB 0J 475K-T	T	77.5/34.4
C909	4030016930	S.CER C1005 JB 1A 104K-T	T	78.1/35.5
C910	4030016930	S.CER C1005 JB 1A 104K-T	B	75.9/40.9
C911	4550007730	S.TAN TEESVJ 0J 106M8R	B	74.8/41.1
C912	4030018910	S.CER C1608 JB 0J 475K-T	T	78.8/39.4
C913	4030016930	S.CER C1005 JB 1A 104K-T	T	80.0/40.0
C915	4030016930	S.CER C1005 JB 1A 104K-T	B	70.6/35.9
C916	4550007730	S.TAN TEESVJ 0J 106M8R	B	71.8/33.7
C917	4030016930	S.CER C1005 JB 1A 104K-T	B	70.6/35.0
C918	4030016790	S.CER C1005 JB 1E 103K-T	B	71.1/46.0
C919	4030018860	S.CER C1005 JB 0J 105K-T	T	81.1/44.5

[MAIN-C UNIT] (For [350 MHz band] versions)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C920	4030016790	S.CER C1005 JB 1E 103K-T	T	81.1/43.6
C921	4030018910	S.CER C1608 JB 0J 475K-T	B	80.3/39.6
C922	4030018910	S.CER C1608 JB 0J 475K-T	B	78.4/40.2
C923	4030016790	S.CER C1005 JB 1E 103K-T	B	90.0/30.9
C924	4030016790	S.CER C1005 JB 1E 103K-T	B	73.6/30.9
C925	4030017420	S.CER C1005 CH 1H 470J-T	B	85.2/28.6
C926	4030017460	S.CER C1005 JB 1H 102K-T	B	83.7/29.8
C927	4030019460	S.CER C1608 JB 0J 106M-T	B	73.7/32.6
C928	4030018860	S.CER C1005 JB 0J 105K-T	B	74.9/29.9
C930	4030018860	S.CER C1005 JB 0J 105K-T	B	83.3/31.9
C931	4030018860	S.CER C1005 JB 0J 105K-T	B	86.7/41.3
C932	4030016930	S.CER C1005 JB 1A 104K-T	B	75.4/31.7
C933	4030016930	S.CER C1005 JB 1A 104K-T	B	71.8/35.4
C934	4030018910	S.CER C1608 JB 0J 475K-T	B	70.7/32.2
C935	4030016790	S.CER C1005 JB 1E 103K-T	B	90.2/38.4
C936	4030018860	S.CER C1005 JB 0J 105K-T	B	89.8/37.5
C937	4030016790	S.CER C1005 JB 1E 103K-T	B	88.0/30.4
C938	4030017420	S.CER C1005 CH 1H 470J-T	B	80.6/28.6
C939	4030017420	S.CER C1005 CH 1H 470J-T	B	80.0/30.7
C940	4030018910	S.CER C1608 JB 0J 475K-T	B	83.2/43.3
C941	4030016930	S.CER C1005 JB 1A 104K-T	T	83.3/43.6
C942	4030016930	S.CER C1005 JB 1A 104K-T	B	92.3/41.2
C943	4030016790	S.CER C1005 JB 1E 103K-T	B	87.7/41.3
C944	4030016930	S.CER C1005 JB 1A 104K-T	B	76.8/43.4
C945	4030016930	S.CER C1005 JB 1A 104K-T	B	72.3/44.5
C946	4030016930	S.CER C1005 JB 1A 104K-T	B	75.5/48.4
C947	4030016930	S.CER C1005 JB 1A 104K-T	B	78.4/26.7
C948	4030016930	S.CER C1005 JB 1A 104K-T	B	74.1/43.8
C949	4030017420	S.CER C1005 CH 1H 470J-T	B	72.3/43.6
C950	4030017620	S.CER C1005 CH 1H 100C-T	B	77.8/48.6
C951	4030016930	S.CER C1005 JB 1A 104K-T	B	78.0/46.9
C952	4030017400	S.CER C1005 CH 1H 220J-T	B	83.1/27.1
C953	4030017460	S.CER C1005 JB 1H 102K-T	B	80.5/48.6
C954	4030016790	S.CER C1005 JB 1E 103K-T	B	82.3/48.6
C955	4030016930	S.CER C1005 JB 1A 104K-T	B	78.3/43.8
C956	4030017380	S.CER C1005 CH 1H 050B-T	B	79.9/42.9
C957	4030016930	S.CER C1005 JB 1A 104K-T	B	78.6/42.5
C958	4030016930	S.CER C1005 JB 1A 104K-T	T	68.9/38.6
C959	4030017620	S.CER C1005 CH 1H 100C-T	B	78.3/41.3
J51	6450000131	CON HSJ1102-018540		
J52	6450002250	CON HSJ1456-010320		
J53	6510021901	S.CON BM02B-ASRS-TF(LF)(SN)	T	27.2/34.5
F51	5210000970	S.FUS ERBSE3R00U	T	10.7/37.6
DS51	5040003520	S.LED LNJ115W8PRA	T	2.0/37.9
MC51	7700002950	MIC EM9745P-33-G <HOR>		
S51	2260001900	SWI SW-149 (SKHLLD)		
S52	2260002800	S.SWI SW-167 (SKQTLAE010)	B	39.2/1.9
S53	2260002800	S.SWI SW-167 (SKQTLAE010)	B	48.7/1.9
S54	2250000680	ENC FSR080453W-01+16C L15.9 <SLVJ>		
EP3	6910018460	S.BEA MMZ1005Y102C-T	T	63.7/19.3
EP4	6910018460	S.BEA MMZ1005Y102C-T	T	45.1/28.7
EP5	6910018460	S.BEA MMZ1005Y102C-T	T	41.0/11.0
EP6	6910014730	S.BEA MPZ2012S331A-T	B	22.4/17.0
EP7	6910021240	S.BEA MMZ1005A152ET	B	60.1/28.7
EP8	6910021240	S.BEA MMZ1005A152ET	B	62.8/25.2
EP11	6910021240	S.BEA MMZ1005A152ET	T	54.9/24.5
EP14	6910021240	S.BEA MMZ1005A152ET	T	60.4/22.2
EP51	6910018460	S.BEA MMZ1005Y102C-T	B	19.1/46.2
EP52	6910021240	S.BEA MMZ1005A152ET	B	97.3/12.5
EP53	6910021240	S.BEA MMZ1005A152ET	B	96.4/15.6
EP900	6910016330	S.BEA MMZ1005S 601CT-S	B	71.1/43.8
EP902	6910016330	S.BEA MMZ1005S 601CT-S	B	70.1/33.7
EP903	6910016330	S.BEA MMZ1005S 601CT-S	T	83.2/49.7
EP904	6910016330	S.BEA MMZ1005S 601CT-S	T	94.4/47.0
EP905	6910016330	S.BEA MMZ1005S 601CT-S	B	84.5/49.8
EP906	6910016330	S.BEA MMZ1005S 601CT-S	B	93.2/46.9

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

SECTION 7 MECHANICAL PARTS

[CHASSIS PARTS]

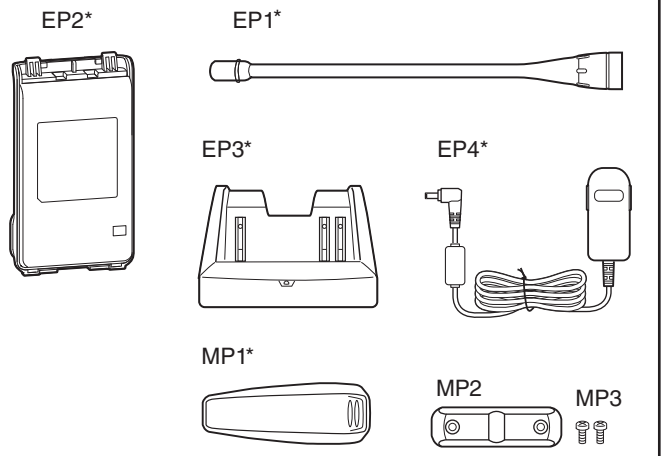
REF NO.	ORDER NO.	DESCRIPTION	QTY.
EP1*	0910067870	B7261 ANT	
J1	6910021491	ANT CONNECTOR 106-1 <SSC>	1
SP1	2510001560	045P01202-02	1
W1	8900009640	OPC-963	1
MP1	8010022041	3286 CHASSIS-1 2X2	1
MP2	8210026490	3328 FRONT PANELASSEMBLY	1
MP10	8930082160	3285 NAME SHEET (A)	1
MP11	8930081140	3328 LENS	1
MP12	8930080620	O-RING (CF) <KRI>	1
MP13	8930080630	3285 SP PLATE Y1174	1
MP14	8930081200	3328 VENT SHEET	1
MP15	8930080410	3285 MIC SPONGE	1
MP16	8930079900	3285 TERMINAL HOLDER	1
MP17	8930080100	3285 PLUS TERMINAL	1
MP18	8930080400	3285 MINUS TERMINAL	1
MP19	8930069710	THERMAL SHEET (BC) TC200HS-1.4 (7.9X7)	1
MP20	8830003390	VR NUT (AB)	2
MP21	8930080091	3285 SIDE PLATE-1 Y1173A0	1
MP22	8930080150	3285 SIDE SEAL <KRI>	1
MP23	8930080140	3285 TOP SEAL <KRI>	1
MP24	8830003440	3285 ANT NUT	1
MP25	8610014180	KNOB N-389	1
MP27	8610014190	KNOB N-390	1
MP31	8810008761	PHBT M2 X 8 NI-ZC3	2
MP32	8810009511	PHBT M2 X 4 NI-ZC3 (3.6-4.0)	9
MP33	8810009511	PHBT M2 X 4 NI-ZC3 (3.6-4.0)	1
MP34	8810009181	BT M2 X 5 NI-ZC3	2
MP35	8930066240	SPONGE (IM)	1
MP36	8930055051	THERMAL SHEET (V)-1 TC400HS (10X15)	1

[MAIN-A/MAIN-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J51	6450000131	HSJ1102-018540	1
J52	6450002250	HSJ1456-010320	1
J53*	6510021901	BM02B-ASRS-TF (LF) (SN)	1
F51*	5210000970	ERBSE3R00U	1
MC51	7700002950	EM9745P-33-G <HOR>	1
S51	2260001900	SW-149 (SKHLLD)	1
S52*	2260002800	SW-167 (SKQTLAE010)	1
S53*	2260002800	SW-167 (SKQTLAE010)	1
S54	2250000680	FSR080453W-01+16C L15.9 <SLVJ>	1
MP2	8510016461	2775 VCO COVER-1	1
MP3*	8510016471	2775 VCO CASE-1	1
MP4*	6910014760	OG-503040	1
MP5*	6910014760	OG-503040	1
MP6*	8930083030	SPONGE (LF)	1
MP7*	8930080760	SPONGE (KT)	1
MP8*	8510020110	3328 SHIELD PLATE Y1222	1
MP9*	8510019920	3328 DSP CASE Y1212	1
MP10*	8510019930	3328 DSP COVER Y1213	1
MP11*	6910014760	OG-503040	1
MP12	8930082300	DOUBLE SIDE TAPE (BK)	1
MP13*	8930082310	3328 K-PLATE	1
MP14*	8510020230	3329 SHIELD PLATE Y1239	1

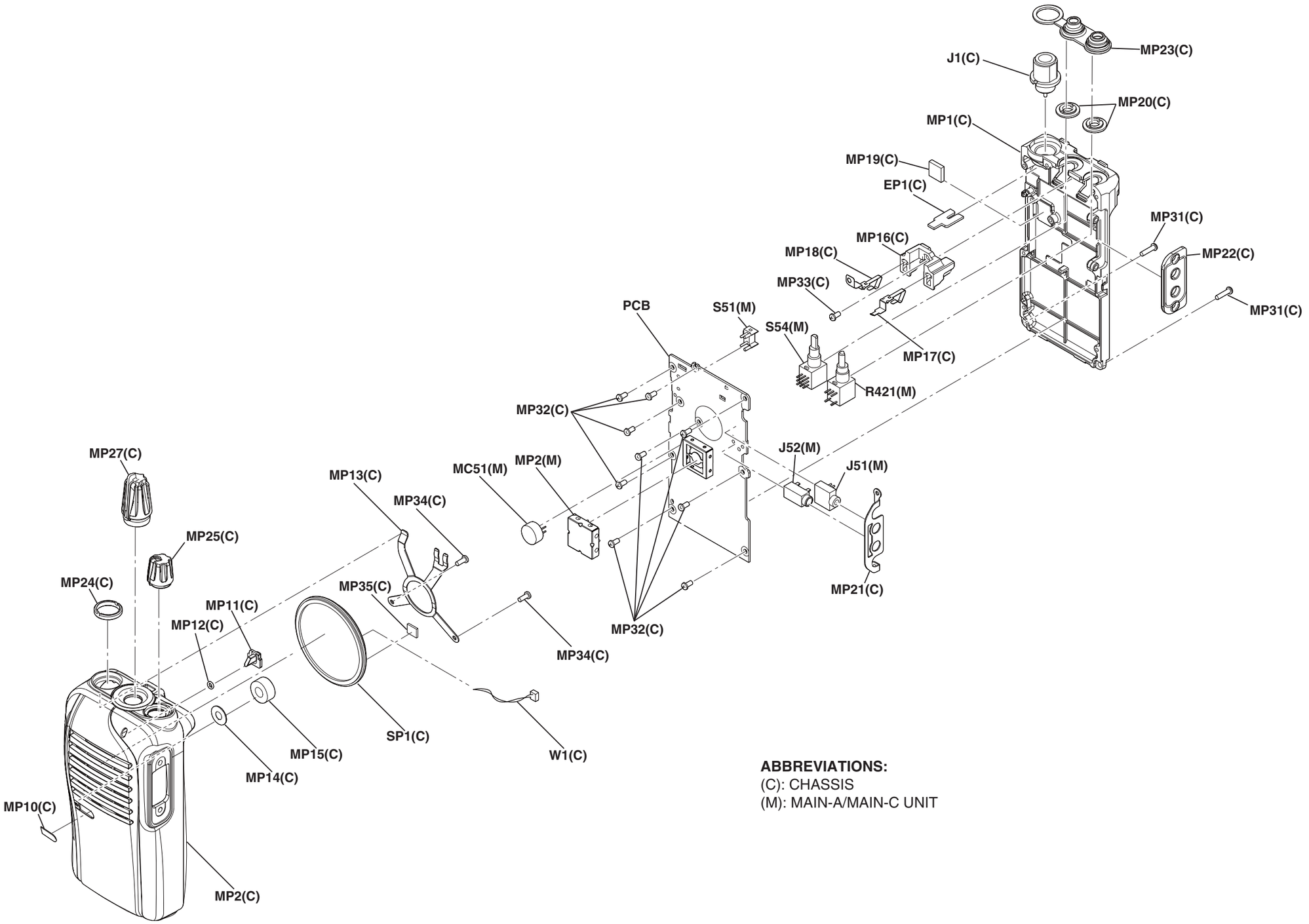
[ACCESSORIES]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
EP1	(Optional)	FA-SC57U-1 [400 MHz band]	1
	(Optional)	FA-SC01U-2 [350 MHz band]	1
EP2	(Optional)	BP-265	1
EP3	(Optional)	BC-193 [USA-01]	1
	(Optional)	BC-193 [EXP-01]	1
	(Optional)	BC-193 [EXP-02]	1
	(Optional)	BC-193 [AUS-01]	1
	(Optional)	BC-193 [RUS-01]	1
	(Optional)	BC-193 [EXP-07]	1
EP4	(Optional)	BC-123SA [USA-01]	1
	(Optional)	BC-123SA [EXP-01]	1
	(Optional)	BC-123SE [EXP-02]	1
	(Optional)	BC-123SV [AUS-01]	1
	(Optional)	BC-123SE [RUS-01]	1
	(Optional)	BC-123SE [EXP-07]	1
MP1	(Optional)	MB-124	1
MP2	8210025840	3285 JACK PANEL	1
MP3	8810004861	PH M2 X 6 ZK3	2



* The shape is different, depending on the version.

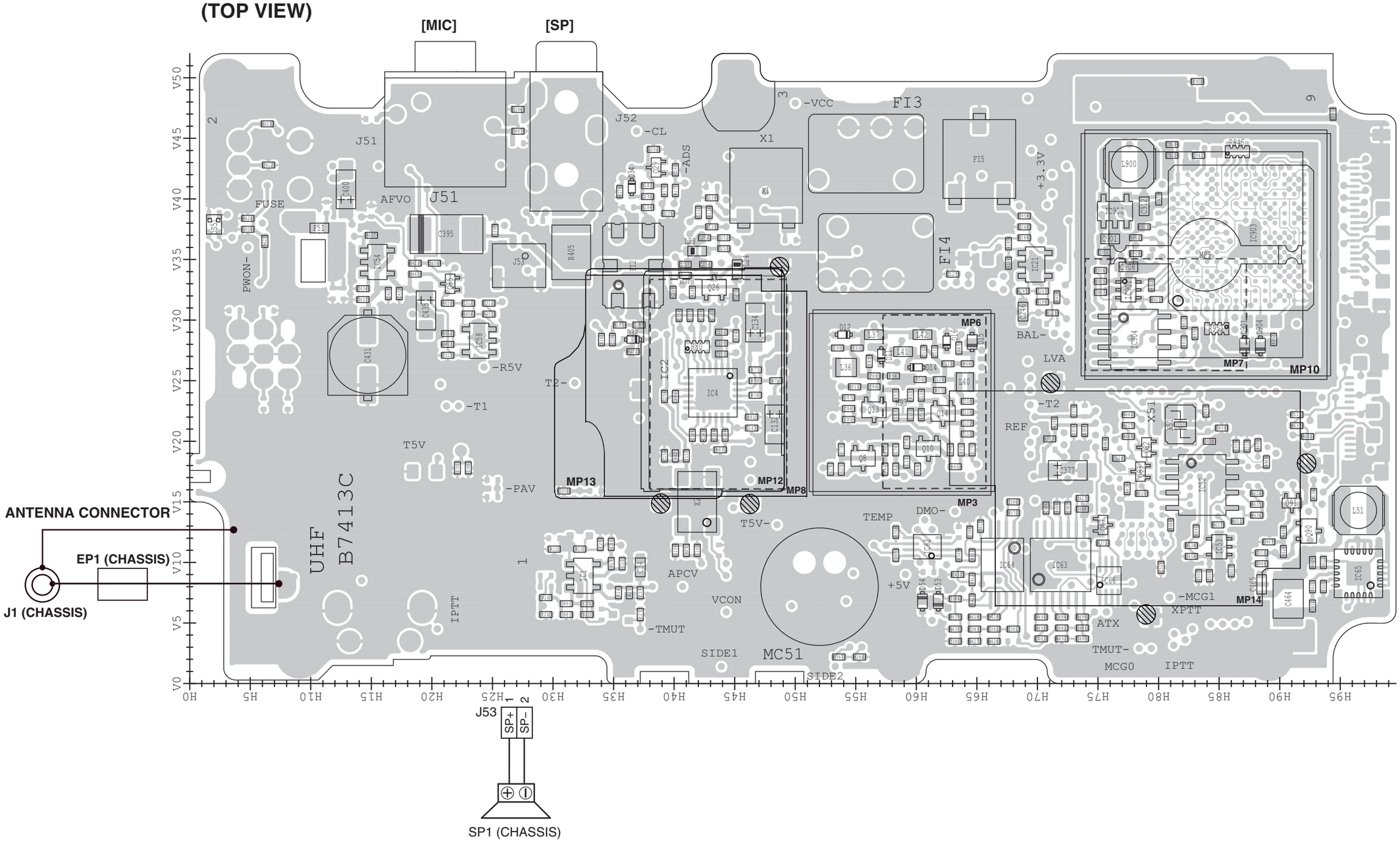
*: Refer to "**BOARD LAYOUTS**" for the location.
Screw abbreviations A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless



ABBREVIATIONS:
(C): CHASSIS
(M): MAIN-A/MAIN-C UNIT

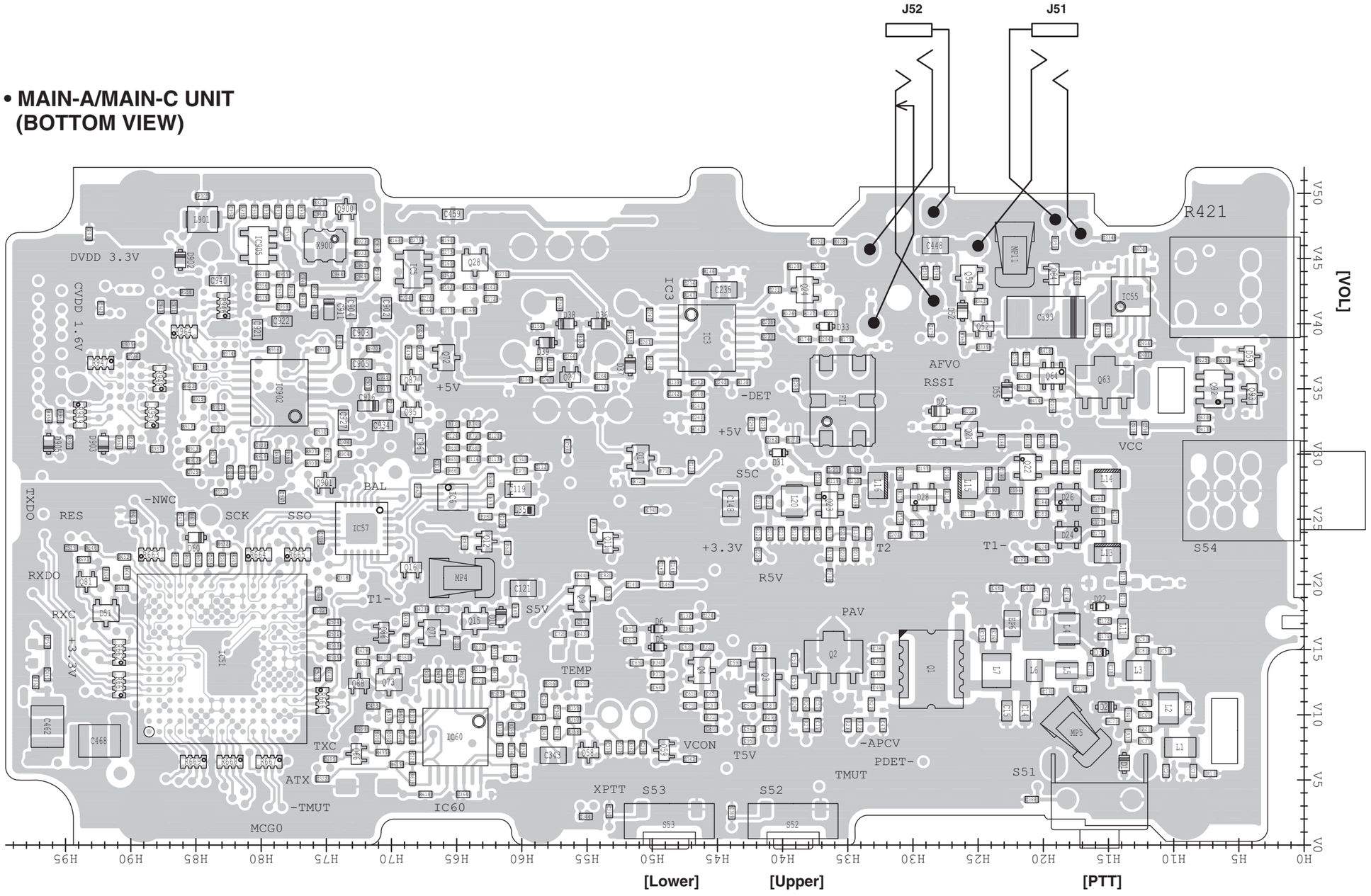
The combination of this page and next page shows the top side and bottom side of actual P.C. board.

• MAIN-A/MAIN-C UNIT (TOP VIEW)

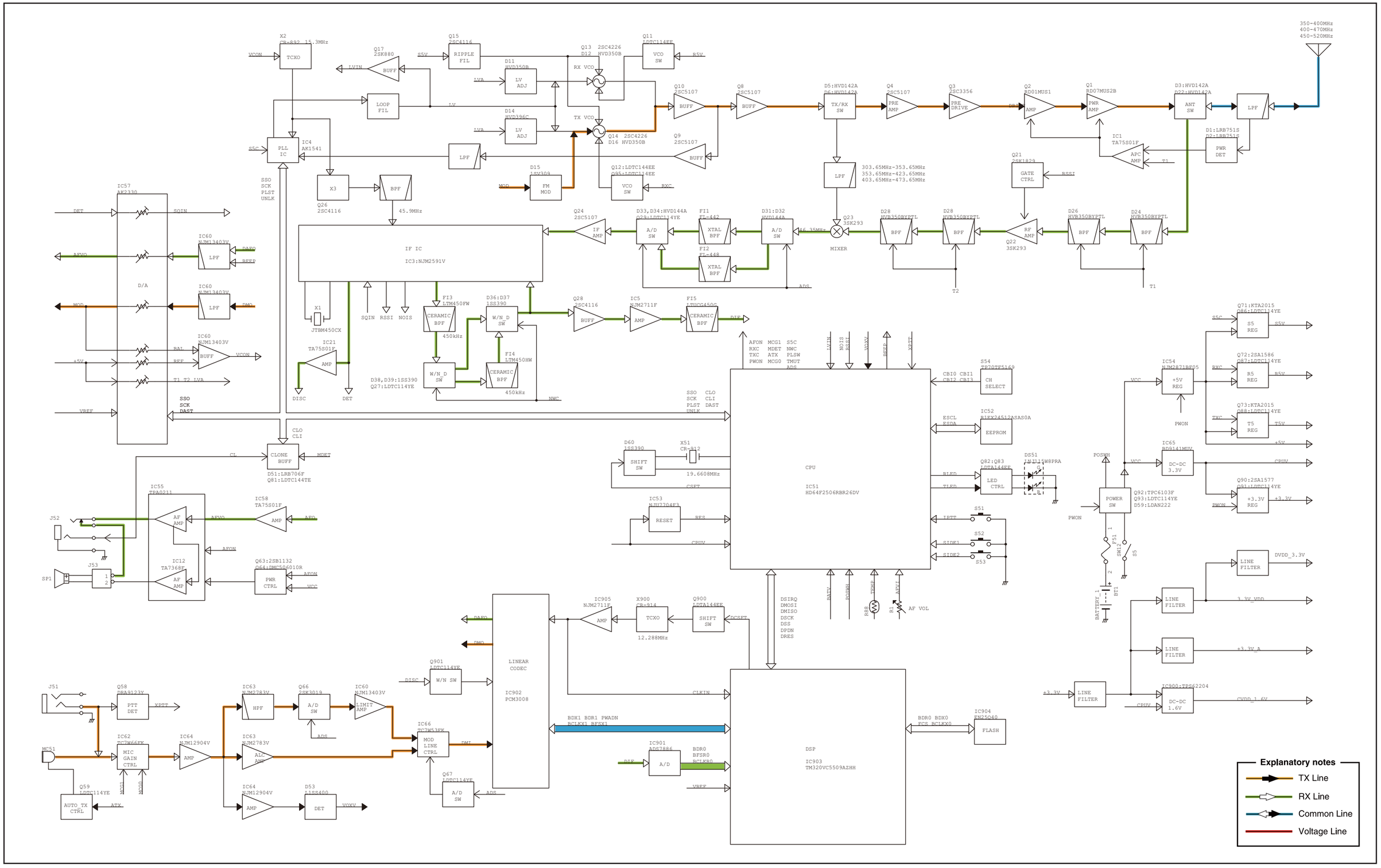


The combination of this page and next page shows the top side and bottom side of actual P.C. board.

• MAIN-A/MAIN-C UNIT (BOTTOM VIEW)

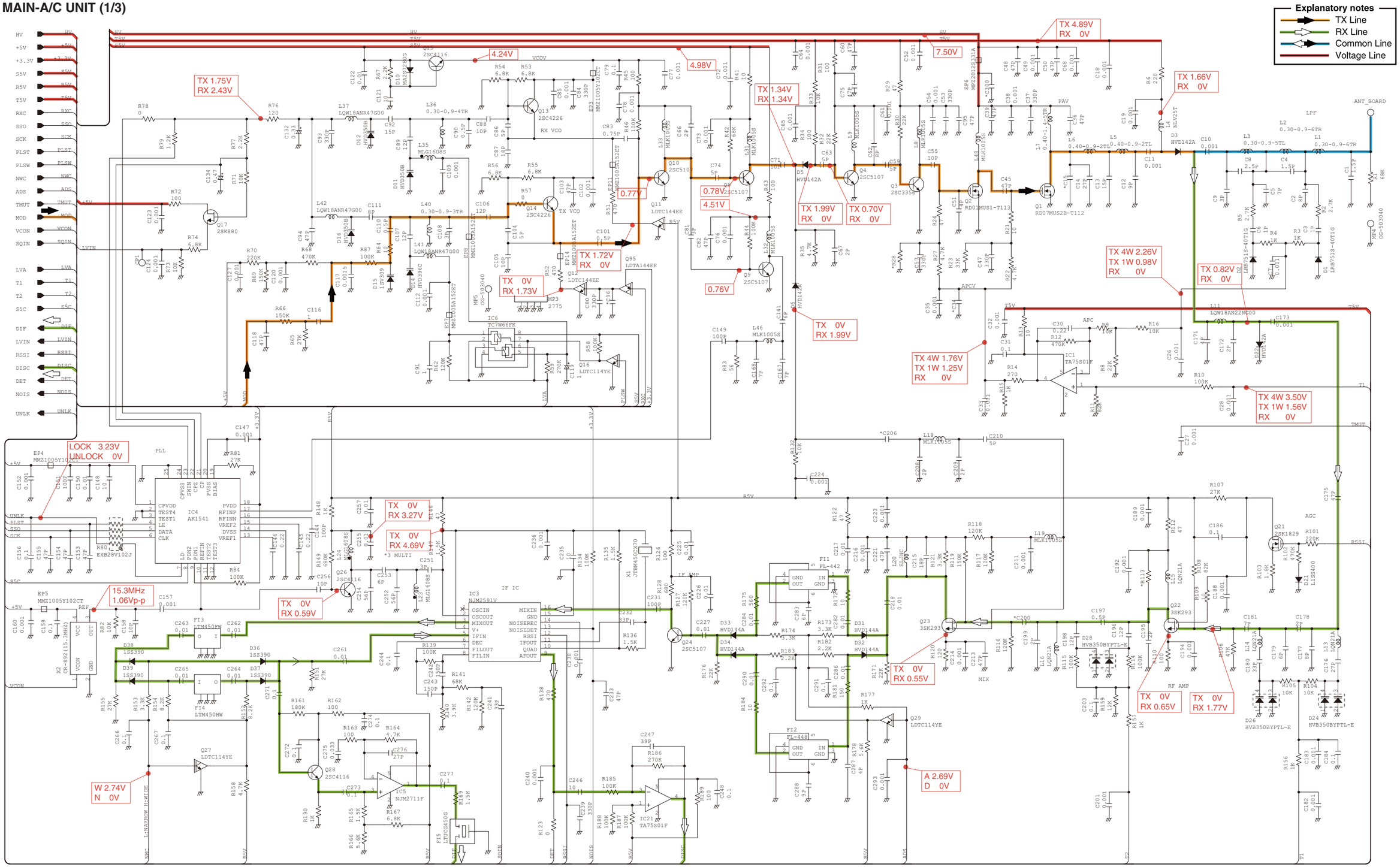


SECTION 9 BLOCK DIAGRAM



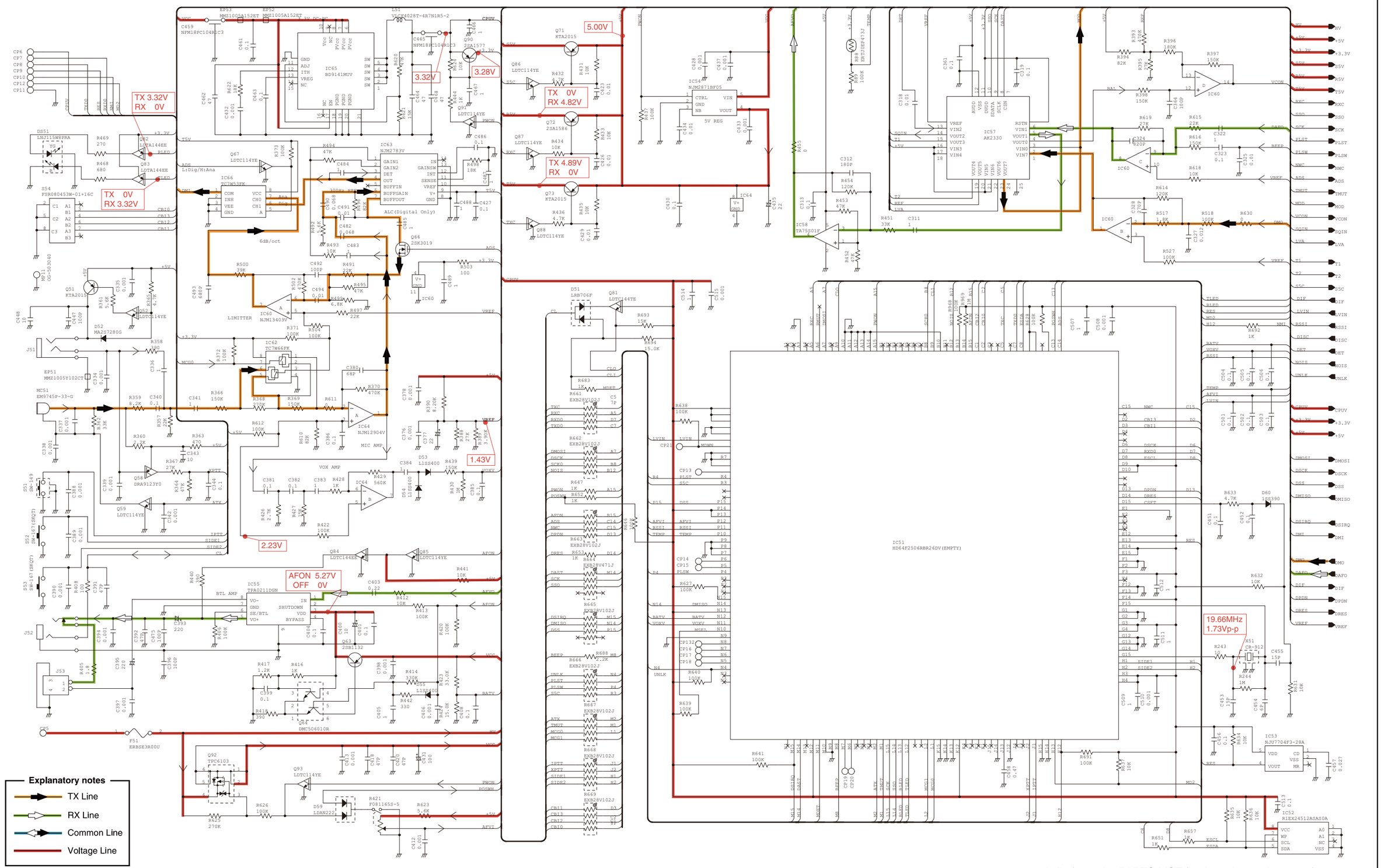
SECTION 10 VOLTAGE DIAGRAM

• MAIN-A/C UNIT (1/3)



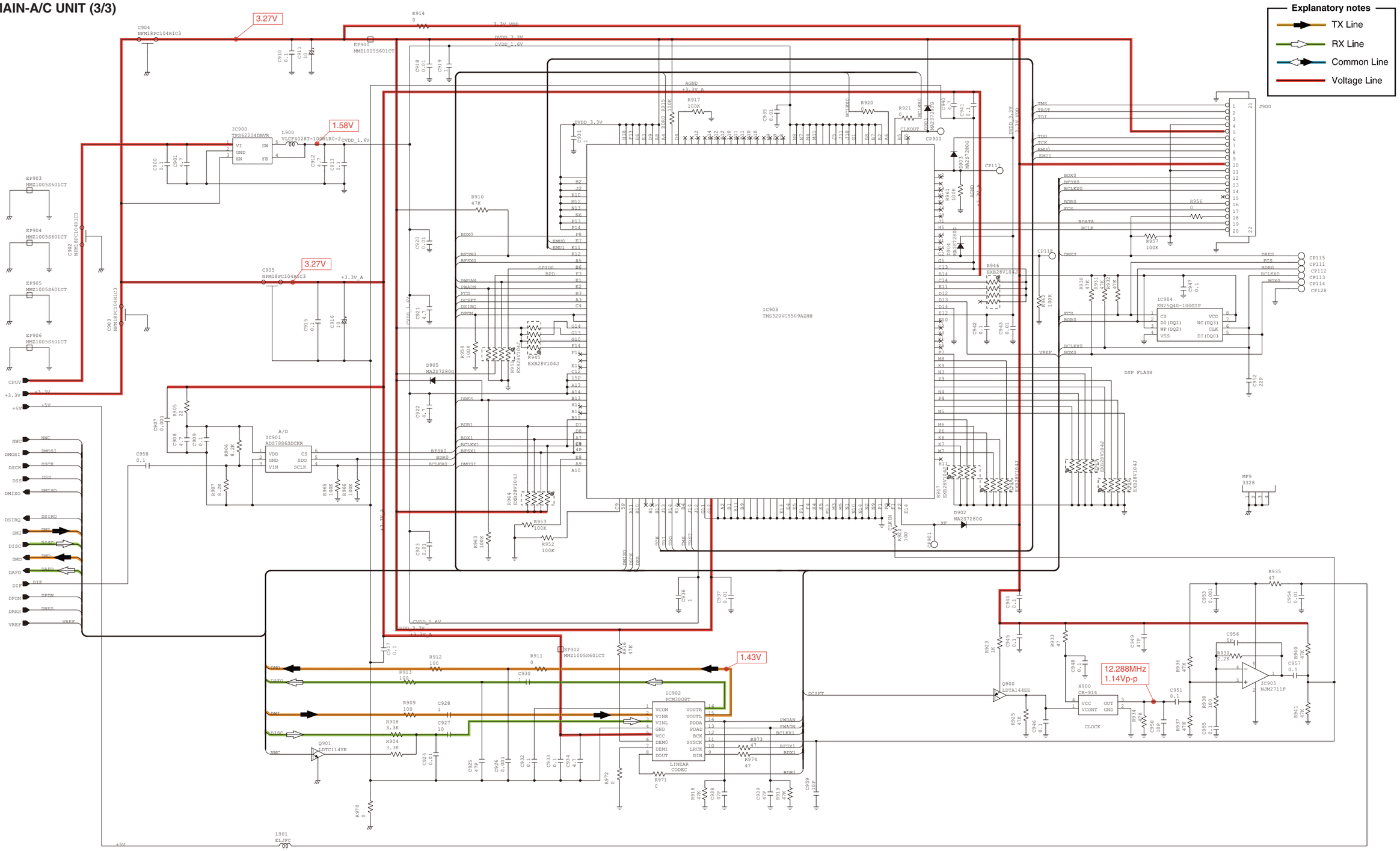
***:** Refer to the PARTS LIST for the value and name of component.

• MAIN-A/C UNIT (2/3)



*: Refer to the PARTS LIST for the value and name of component.

• MAIN-A/C UNIT (3/3)



***:** Refer to the PARTS LIST for the value and name of component.

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