

Address	Device name	Description	Application
[RF-UNIT]			
Q 1001	Transistor	2SC4116GR	2nd local AMP
Q 1002	Transistor	2SC4154	DC AMP
Q 1003	IC	M5223AGP	APC COMP
Q 1004	IC	MM1216ENRE	9V Regulator
Q 1005	Transistor	2SB1201STP	9V Regulator
Q 1006	Transistor	RT1N241M	Tx Power Control
Q 1007	Transistor	2SC4154E	VCO 9V Regulator
Q 1008	IC	DTB123EK	Rx 9V Switch
Q 1009	Transistor	2SB1132R	Tx 9V Switch
Q 1010	Transistor	IMH6	Tx/Rx Switch
Q 1011	Transistor	2SC4227	RF Amplifier
Q 1012	Transistor	RT1N241M	MOD Mute Switch
Q 1013	Transistor	2SK508	RX Voltage Control Oscillator
Q 1014	IC	RA30H4452M	RF PWR-MODULE
Q 1015	Transistor	2SC4226	TX Voltage Control Oscillator
Q 1016	Transistor	RT1N241M	RX VCO Switch
Q 1017	Transistor	IMH6	TX VCO Switch
Q 1018	Transistor	2SC5107-O	Buff AMP
Q 1019	IC	M5223AGP 600C	AF Modulation
Q 1020	Transistor	2SC5107-O	Buff AMP
Q 1021	Transistor	2SC5107-O	Buff AMP
Q 1022	Transistor	2SC5415E	Tx Driver AMP
Q 1023	IC	SA7025DK	PLL Subsystem
Q 1024	IC	NJM78L05UA	5V Regulator
Q 1025	Transistor	2SC5107-O	Tx Driver AMP
Q 1026	FET	3SK228XR	Rx Mixer
Q 1027	Transistor	2SC4116GR	Reference Oscillator
Q 1028	IC	TA31136FN	IF Subsystem
Q 1029	Transistor	2SC4226	IF AMP
Q 1030	Transistor	RT1N241M	Wide/Narrow Switch
Q 1031	Transistor	RT1N241M	Rx Wide/Narrow Switch
Q 1031	Transistor	2SC5107-O	Buff AMP
Q 1501	Transistor	2SC4154	5V Regulator
Q 1502	Transistor	RT1N241M	SB Switch
Q 1503	IC	NJM2902V	AF AMP/SQL
Q 1504	Transistor	2SD1368CB	H.A/IG Switch
Q 1505	Transistor	2SC4116GR	H.A/IG Switch
Q 1506	Transistor	RT1N241M	IG Switch
Q 1507	Transistor	RT1N241M	H.A Switch
Q 1508	Transistor	PDTC114TE	AF Mute
Q 1509	IC	TDA2003H	AF Power AMP
Q 1510	Transistor	PDTC114TE	SQL Switch
Q 1511	Transistor	2SB1301	AF Power AMP Switch
Q 1512	Transistor	RT1N241M	AF Power AMP Switch
Q 1513	IC	S-93C56AMFN	Programmable Data Store
Q 1514	Not Used		
Q 1515	FET	2SJ125D	AF Mute
D 1001	Diode	RLS135	RF Limitting
D 1002	Diode	BAS316	RF Limitting
D 1003	Diode	MC2850	Temp. Comp.
D 1004	Diode	P6KA18	Reverse Voltage Protecion
D 1005	Diode	UM9957F	Antenna Switch
D 1006	Diode	BAS316	APC Switch
D 1007	Diode	UM9957F	Antenna Switch
D 1008	Varactor Diode	HVC358B	BPF Tune
D 1009	Diode	BAS316	APC
D 1010	Varactor Diode	HVC358B	BPF Tune
D 1011	Diode	HSM88AS	Power Detect
D 1012	Diode	HSM88AS	Power Detect
D 1013	Varactor Diode	HVU306A	RX VCO
D 1014	Varactor Diode	HVU306A	RX VCO
D 1015	Varactor Diode	1SV276	TX VCO
D 1016	Varactor Diode	1SV276	TX VCO
D 1017	Varactor Diode	1SV214	TX MOD
D 1018	Varactor Diode	HVC358B	BPF Tune
D 1019	Varactor Diode	HVC358B	BPF Tune
D 1020	Varactor Diode	HVU300A	Temp. Control for PLL REF
D 1021	Diode	BAS316	Temp. Control for TX Driver
D 1022	Diode	1SS321	Tx/Rx RF Switch
D 1023	Varactor Diode	HVU359	Temp. Control for PLL REF
D 1024	Diode	MC2848	2nd IF Filter Switch

Address	Device name	Description	Application
D 1025	Varactor Diode	HVU359	TX MOD
D 1026	Diode	MC2848	2nd IF Filter Switch
D 1501	Diode	MC2850	Protecion
D 1502	Diode	MC2850	Protecion
D 1503	Diode	MC2850	Protecion
D 1504	Diode	BAS316	External PTT
D 1505	Diode	D1F20	Protecion
D 1506	Diode	MC2850	SQ Noise Detector
D 1507	Diode	MC2850	SQ Noise Detector
D 1508	Not Used		
[PANEL-UNIT]			
Q 2001	Transistor	2SC4617	RESET Switch
Q 2002	Transistor	2SC4617	RXD Switch
Q 2003	Transistor	S-80735SN	Power Down
Q 2004	Transistor	2SC4617	RESET
Q 2005	Transistor	2SC4617	TXD Switch
Q 2006	Transistor	NJM78L05UA	5V Regulator
Q 2007	Transistor	2SC4617	Clock Shift
Q 2008	Transistor	RT1N241M	LAMP LED Drive
Q 2009	Transistor	RT1P441U	SEL Switch
Q 2010	Transistor	RT1N241M	RX LED Drive
Q 2011	Not Used		
Q 2012	Not Used		
Q 2013	IC	LC87F72C8A-F5N19	Microprocessor
Q 2014	IC	M62364FP 600D	D/A Converter
Q 2015	IC	NJM2902V	AF AMP/Pre-Emphasis/PSK Detect
Q 2016	IC	IC AK2345(TAPE)	Base Band IC
Q 2017	IC	IC LA8630M	Compander
Q 2019	Transistor	PDTC144EE	Compander Switch
Q 2020	Transistor	2SC4617	DCS Encode
Q 2021	IC	NJM2902V	DCS Decode Detect / DCS Encode Filter/ D/A Converter Reference
Q 2022	IC	NJM2902V	DTMF Encode/AF AMP/De-Emphasis
Q 2024	IC	BU4066BF	Analog Switch
Q 2025	Transistor	RT1N241M	TX LED Drive
D 2001	Diode	DA221	Protector
D 2002	Diode	DA221	Protector
D 2003	Diode	DA221	Reset
D 2004	LED	BRPG1211C	RX/TX LED
D 2005	Diode	DA221	Protector
D 2006	LED	TLOU262	Back Light LED
D 2007	Diode	MA2S111	Protector
D 2008	LED	TLOU262	Back Light LED
D 2009	Diode	DA221	PSK Detector
D 2010	Diode	MA2S111	Protector
D 2011	Diode	MC2846	Protector
D 2012	Diode	DA221	Protector
D 2013	Diode	DA221	DCS Detector
D 2014	Diode	MA2S111	Switch
D 2015	Diode	MA2S111	KEY Matrix Switch
D 2016	Diode	MA2S111	KEY Matrix Switch
D 2017	Diode	MA2S111	KEY Matrix Switch
D 2018	Not Used		
D 2019	Not Used		
D 2020	Not Used		
D 2021	Not Used		
D 2022	Not Used		
D 2023	Not Used		
D 2024	Not Used		
D 2025	Not Used		
D 2026	Not Used		
D 2027	Diode	MA2S111	KEY Matrix Switch
D 2028	Diode	MA2S111	KEY Matrix Switch
D 2029	Diode	MA2S111	KEY Matrix Switch
D 2030	Diode	MA2S111	KEY Matrix Switch
D 2031	Diode	MA2S111	KEY Matrix Switch
D 2032	Diode	MA2S111	KEY Matrix Switch