

Address	Device name	Description	Applie
[CNTL]			
Q 1001	IC	UPD74HC4066G	Analog swith
Q 1002	IC	NJM2902M	PTT detect/LPF/AMP
Q 1003	AF IC	LA4425A	AF Amplifier
Q 1004	Transistor	DTC114EK	PTT detect
Q 1005	IC	NJM2902M	AMP/LPF
Q 1006	IC	NJM2902M	IDC/Mixer/AMP/LPF
Q 1007	Transistor	DTC114EK	PTT detect
Q 1008	Transistor	2SC2812	Voltage Supply Control
Q 1009	Not Used		
Q 1010	Transistor	2SD1667R	Voltage Supply Control
Q 1011	Not Used		
Q 1012	Transistor	DTC114EK	External TX control
Q 1013	Transistor	2SC2812	Voltage Supply Control
Q 1014	Not Used		
Q 1015	Transistor	2SB1132R	Voltage Supply Control
Q 1016	IC	MX165CDW	CTCSS Encoder/Decoder
Q 1017	Transistor	2SD1368CB	Voltage Supply Control
Q 1018	Not Used		
Q 1019	IC	MC14053BFR	Analog swith
Q 1020	Not Used		
Q 1021	Not Used		
Q 1022	IC	RH5VL45AA	Voltage detect
Q 1023	IC	L78M05T	5V Regulator
Q 1024	Transistor	DTC114EK	External AF control
Q 1025	Not Used		
Q 1026	Not Used		
Q 1027	Transistor	IMH11	PTT/CLONE Buffer AMP
Q 1028	Transistor	IMH11	Analog swith control
Q 1029	Not Used		
Q 1030	Not Used		
Q 1031	Not Used		
Q 1032	Transistor	IMH11	Analog swith control
Q 1033	Transistor	2SB1132R	Rx 5V Switch
Q 1034	Transistor	2SB1132R	Tx 5V Switch
Q 1035	Not Used		
Q 1036	Transistor	IMH11	Line Buffer AMP
Q 1037	IC	NJM2902M	AMP/Master Tone DET
Q 1038	Not Used		
Q 1039	IC	HD64F3334YTF16	Microprocessor
Q 1040	IC	NJM2902M	AMP/LPF
Q 1041	Not Used		
Q 1042	Not Used		
Q 1043	Not Used		
Q 1044	Not Used		
Q 1045	Not Used		
Q 1046	Not Used		
Q 1047	Not Used		
Q 1048	Not Used		
Q 1049	Not Used		
Q 1050	Not Used		
Q 1051	IC	BR93LC66RF	Programmable Data Stor
Q 1052	Not Used		
Q 1053	Transistor	IMH11	Input Level Control
Q 1054	Transistor	IMH11	Master Tone Phase Control
Q 1055	IC	NJM78L09UA	9V Regulator
Q 1056	Transistor	DTC114EK	AUX Mute Switch
Q 1057	Transistor	DTC114EK	External MIC Mute Switch
Q 1058	Transistor	2SJ125D	MIC Mute Switch
Q 1059	IC	M64026FP	Encryption
Q 1060	Transistor	DTC114EK	Master Tone control
Q 1061	Transistor	DTC114EK	MOD control switch
D 1001	Diode	P6EK18	Reverse Voltage Protection
D 1002	Not Used		
D 1003	Diode	1SS355	Limiting Diode
D 1004	Diode	1SS184	Discharge
D 1005	Diode	DA204K	Limiting Diode
D 1006	Diode	1SS184	Limiting Diode
D 1007	LED	GL105R8	LED Indicator
D 1008	Not Used		
D 1009	Not Used		
D 1010	Not Used		
D 1011	Not Used		
D 1012	Diode	1SS193	Reverse Voltage Protection
D 1013	Diode	1SS181	Reverse Voltage Protection

[RF]

Location	Parts Type	Nomenclature	Application
Q 2001	Transistor	2SC3356	RF Amplifier
Q 2002	Transistor	2SD1767Q	Tx Switch
Q 2003	IC	M67799HA	RF Power Amplifier
Q 2004	Transistor	SGM2016M	Rx 1st Mixer
Q 2005	Not Used		

Address	Device name	Description	Application
Q 2008	Transistor	2SC3356	Voltage Control Oscillator
Q 2009	IC	MC145191F	PLL Subsystem
Q 2010	Transistor	2SC2714Y	IF Amplifier
Q 2011	Transistor	2SC3356	VCO Buffer Amplifier
Q 2012	Transistor	2SA1179	PLL Lock Detector
Q 2013	IC	MC3372ML	IF Subsystem
Q 2014	Not Used		
Q 2015	IC	uPC2710	Tx Driver Amplifier
Q 2016	Transistor	2SC3356	VCO Buffer Amplifier
Q 2017	Transistor	2SC2812	VCO Regulator
Q 2018	IC	TA75S01F	Tx Power Control
Q 2019	Not Used		
Q 2020	Transistor	DTC114EK	IF filter switch
Q 2021	Transistor	DTC114EK	IF filter switch
D 2001	Diode	RLS135	Antenna Switch
D 2002	Diode	RLS135	Antenna Switch
D 2003	Varactor Diode	HVU350	Automatic Phase Control
D 2004	Varactor Diode	HVU350	VCO Modulator
D 2005	Varactor Diode	HVU350	CTCSS/DCS Modulator
D 2006	Varactor Diode	HVU350	CTCSS/DCS Modulator
D 2007	Diode	1SS355	Temp. Control for PLL REF
D 2008	Diode	DA204K	Noise Detector
D 2009	Diode	DA204K	Noise Detector
D 2010	Varactor Diode	1SS184	Tx/Rx RF Switch
D 2011	Not Used		
D 2012	Diode	1SS355	RF level limiter
D 2013	Diode	RLS135	Antenna Switch
D 2014	Diode	1SS355	RF level limiter
D 2015	Diode	1SS355	RF level limiter
D 2016	Diode	DA204K	IF level limiter
D 2017	Diode	1SS321	Power detect
D 2018	Varactor Diode	1SS184	IF filter switch
D 2019	Varactor Diode	1SS184	IF filter switch