

Address	Device name	Description	Application
[MAIN-UNIT]			
D 1001	Diode	RLS135	Antenna Switch
D 1002	Diode	1SS302	Antenna Switch
D 1003	Diode	RLS135	Antenna Switch
D 1004	Varactor Diode	HVC358B	BPF Tune
D 1005	Varactor Diode	HVC358B	BPF Tune
D 1006	Varactor Diode	HVC358B	BPF Tune
D 1007	Diode	HSC277	Switch
D 1008	Diode	HSC277	Switch
D 1009	Varactor Diode	HVC358B	BPF Tune
D 1010	Varactor Diode	HVC358B	BPF Tune
D 1011	Varactor Diode	HVC358B	BPF Tune
D 1012	Varactor Diode	HVC131	1st Mixer
D 1013	Varactor Diode	HVC131	1st Mixer
D 1016	Varactor Diode	HVC365	BPF Tune
D 1017	Varactor Diode	HVC365	BPF Tune
D 1018	Varactor Diode	HVC365	BPF Tune
D 1019	Varactor Diode	HVC365	BPF Tune
D 1020	Varactor Diode	HVC365	BPF Tune
D 1021	Varactor Diode	HVC365	BPF Tune
D 1022	Diode	HSC277	Switch
D 1024	Diode	DAN222	Switch
D 1025	Diode	1SS302	Switch
D 1026	Diode	1SS302	Switch
D 1027	Diode	HSC277	Switch
D 1028	Diode	HSC277	Switch
D 1029	Diode	HSC277	1st Mixer
D 1032	Diode	MA2S728	AM Detect
D 1033	Diode	DAN222	Switch
D 1034	Diode	DAN222	Switch
D 1035	Diode	DAN222	Switch
D 1036	Diode	DAN222	Switch
D 1037	Diode	DAN222	Switch
D 1038	Diode	DA221	Compare
D 1039	Diode	DA221	Compare
D 1042	Zener Diode	P6KA18	Protect
D 1043	Diode	MA2S111	Switch
D 1044	Diode	D1F20	5V Regulator
D 1045	Diode	MA2S111	Reset
D 1046	Diode	MA2S111	Reset
D 1048	Diode	DAP222	Switch
D 1049	Diode	DAP222	Switch
D 1050	Diode	MA2S111	Switch
D 1051	Diode	MA2S111	Switch
D 1052	Diode	DAP222	Switch
D 1053	Diode	DAP222	Switch
D 1054	Diode	DAP222	Switch
D 1056	Varactor Diode	HVC365	REF Control
D 1057	Varactor Diode	HVC365	REF Control
D 1058	Varactor Diode	HVC350B	REF Control
D 1059	Varactor Diode	HVC365	REF Control
D 1060	Diode	DA221	Temp. Control
D 1061	Diode	UDZ5.18	Charge Pump
D 1062	Varactor Diode	HVC365	REF Control
D 1063	Varactor Diode	HVC365	REF Control
D 1064	Varactor Diode	HVC365	REF Control
D 1065	Varactor Diode	HVC365	REF Control
D 1066	Diode	DA221	Temp. Control
D 1067	Diode	UDZ5.18	Charge Pump
D 1069	Varactor Diode	HVC375B	UHF-B VCO
D 1070	Varactor Diode	HVC350B	UHF-B VCO
D 1071	Diode	HSC277	UHF-B VCO
D 1072	Diode	HSC277	1st Mixer
D 1073	Diode	HSC277	Switch

Address	Device name	Description	Application
D 1074	Diode	HSC277	1st Mixer
D 1075	Diode	HSC277	Switch
D 1076	Varactor Diode	HVC365	VHF-B VCO
D 1077	Varactor Diode	HVC365	VHF-B VCO
D 1078	Diode	HSC277	VHF-B VCO
D 1079	Diode	HSC277	Switch
D 1080	Diode	HSC277	Switch
D 1081	Diode	MA2S111	Switch
D 1082	Varactor Diode	HVC358B	UHF-A VCO
D 1083	Varactor Diode	HVC358B	UHF-A VCO
D 1084	Diode	HSC277	Switch
D 1085	Varactor Diode	HSC277	1st Mixer
D 1086	Diode	HVC365	VHF-A VCO
D 1087	Varactor Diode	HVC365	VHF-A VCO
D 1088	Diode	HSC277	VHF-A VCO
D 1089	Diode	HSC277	Switch
D 1091	Diode	MA2S111	Switch
D 1092	Diode	DAN222	Switch
D 1093	Varactor Diode	HVC300A	TX50-29 VCO
D 1094	Diode	HSC277	TX50-29 VCO
D 1095	Diode	HSC277	Switch
D 1096	Diode	HSC277	Switch
D 1097	Varactor Diode	HVC365	RX50-29 VCO
D 1098	Varactor Diode	HVC362	RX50-29 VCO
D 1099	Diode	MA2S111	Switch
D 1100	Diode	DAN222	Switch
D 1102	Diode	UM9957F	Antenna Switch
D 1103	Diode	MA2S728	UHF APC Detect
D 1104	Diode	UM9957F	Antenna Switch
D 1105	Diode	MA2S728	UHF APC Detect
D 1106	Diode	MA2S728	Reverse APC Detect
D 1107	Diode	MA2S728	Reverse APC Detect
D 1108	Diode	DAN222	VHF APC Detect
D 1109	Diode	MA2S111	Switch
D 1110	Diode	MA2S111	Switch
D 1112	Diode	HSC277	VHF APC Detect
D 1113	Diode	MA2S111	Switch
D 1114	Diode	MA2S728	VHF APC Detect
D 1115	Diode	MA2S728	VHF APC Detect
D 1116	Diode	MA2S111	Switch
D 1117	Diode	MA2S111	Switch
D 1118	Diode	HSC277	50 APC Detect
D 1119	Diode	MA2S728	50 APC Detect
D 1120	Diode	MA2S728	29 APC Detect
D 1121	Diode	MA2S728	50 APC Detect
D 1122	Diode	MA2S728	29 APC Detect
D 1123	Diode	MA2S111	Switch
D 1125	Diode	DAN222	Switch
D 1126	Diode	DAN222	Switch
D 1127	Diode	DAN235E	Switch
D 1128	Diode	DAN235E	Switch
D 1132	Diode	UM9957F	Switch
D 1133	Diode	RLS135	Switch
D 1134	Diode	HSC277	Switch
D 1135	Zener Diode	HZM13N82	12.5V Regulator
D 1136	Diode	MA2S111	Switch
D 1138	Diode	HSC277	Switch
D 1139	Diode	HSC277	Switch
D 1140	Diode	HSC277	Switch
D 1141	Diode	HSC277	Switch
D 1142	Diode	HSC277	Switch
D 1144	Diode	HSC277	Switch
D 1145	Diode	HSC277	Switch
D 1146	Diode	UM9957F	Antenna Switch

Address	Device name	Description	Application
D 1147	Diode	DAN222	Switch
Q 1001	FET	3SK296ZQ	UHF-A RF Amplifier
Q 1002	FET	3SK296ZQ	UHF-B RF Amplifier
Q 1003	FET	3SK296ZQ	UHF-B 1st Mixer
Q 1004	FET	3SK296ZQ	UHF-A 1st Mixer
Q 1005	Transistor	2SC5006	300 1st Mixer
Q 1006	FET	3SK296ZQ	VHF-A RF Amplifier
Q 1007	FET	3SK296ZQ	VHF-B RF Amplifier
Q 1008	FET	3SK296ZQ	UHF-A 1st Mixer
Q 1010	FET	3SK296ZQ	VHF-A 1st Mixer
Q 1011	Transistor	2SC5374	50 RF Amplifier
Q 1012	Transistor	2SC5374	29 RF Amplifier
Q 1013	Transistor	2SC5006	800 RF Amplifier
Q 1014	Transistor	2SC5006	800 1st Mixer
Q 1015	FET	3SK296ZQ	29/50 1st Mixer
Q 1016	Transistor	RT1N441U	Switch
Q 1017	Transistor	2SC4400-4	Buffer Amplifier
Q 1018	IC	TA31136FN	RX-A IF Subsystem
Q 1019	Transistor	2SC4400-4	Buffer Amplifier
Q 1020	Transistor	RT1N441U	Switch
Q 1021	Transistor	2SC4617R	AGC Amplifier
Q 1022	Transistor	2SC4617R	AM Amplifier
Q 1023	Transistor	2SC4617R	AM Amplifier
Q 1024	IC	TA31136FN	RX-B IF Subsystem
Q 1025	IC	NJM2902V	BPF Tune / LPF
Q 1026	Transistor	2SC4400-4	Buffer Amplifier
Q 1027	Transistor	2SC4400-4	Buffer Amplifier
Q 1028	Transistor	RT1N441U	Switch
Q 1030	Transistor	RT1N441U	Switch
Q 1031	Transistor	RT1N441U	Switch
Q 1032	Transistor	RT1N441U	Switch
Q 1033	IC	NJM2902V	LPF / Compare
Q 1034	IC	NJM2902V	LPF / Compare
Q 1035	Transistor	RT1N441U	Switch
Q 1036	Transistor	2SC4617R	Switch
Q 1037	Transistor	2SC4617R	Switch
Q 1038	Transistor	RT1N441U	Switch
Q 1039	Transistor	RT1N441U	Switch
Q 1040	Transistor	RT1N441U	Switch
Q 1041	Transistor	RT1N441U	Switch
Q 1042	IC	M51132FP	AF VR
Q 1043	Transistor	CPH6102	Switch
Q 1044	Transistor	RT1N441U	Switch
Q 1045	IC	LA4425A	AF PA
Q 1046	IC	TC4W66FU	Switch
Q 1047	IC	TC4W66FU	Switch
Q 1050	IC	TDA7233D	AF PA
Q 1051	IC	BU4066BCFV	Switch
Q 1052	Transistor	RT1N441U	Switch
Q 1053	Transistor	RT1N441U	Switch
Q 1054	IC	NJM2902V	Buffer Amplifier / LPF / 9600bps Amplifier
Q 1055	Transistor	2SC4617R	Switch
Q 1057	Transistor	2SA1301	Power Switch
Q 1058	Transistor	2SB1201STP	9V Regulator
Q 1059	IC	MH1216EN	9V Regulator
Q 1060	IC	NJM78L05UA	5V Regulator
Q 1061	Transistor	2SC4617R	Power Switch
Q 1062	Transistor	2SC4617R	Switch
Q 1063	IC	NJM78L05UA	5V Regulator
Q 1064	IC	M51951BHP	Reset
Q 1065	Transistor	2SC4617R	Reset
Q 1066	Transistor	2SC4617R	Clock Shift
Q 1067	IC	AT24C128N	EEPROM
Q 1069	Transistor	RT1P441U	Switch

Address	Device name	Description	Application
Q 1070	Transistor	RT1P441U	Switch
Q 1071	Transistor	UMA8N	Switch
Q 1072	Transistor	UMA8N	Switch
Q 1073	Transistor	UMA8N	Switch
Q 1074	Transistor	UMA8N	Switch
Q 1075	IC	BU2090FS	I/O EXP
Q 1076	Transistor	IMT17	Switch
Q 1077	Transistor	IMT17	Switch
Q 1078	Transistor	2SC4617R	Ripple Filter
Q 1079	Transistor	2SA1774R	Switch
Q 1080	Transistor	UMA8N	Switch
Q 1081	Transistor	UMA8N	Switch
Q 1082	Transistor	UMA8N	Switch
Q 1083	Transistor	2SA1774R	Switch
Q 1084	IC	M38268MCL	Main Microprocessor
Q 1085	IC	M62353GP	D/A Converter
Q 1086	IC	BU4066BCFV	Switch
Q 1089	Transistor	2SA1774R	Buffer Amplifier
Q 1090	IC	MB15A02PFV1	PLL Subsystem
Q 1091	Transistor	2SA1774R	Charge Pump
Q 1092	Transistor	2SC4617R	Charge Pump
Q 1093	Transistor	RT1N441U	Switch
Q 1094	Transistor	2SA1774R	Buffer Amplifier
Q 1095	IC	MB15A02PFV1	PLL Subsystem
Q 1096	Transistor	RT1P441U	Switch
Q 1097	Transistor	2SC4617R	Switch
Q 1098	Transistor	2SA1774R	Charge Pump
Q 1099	Transistor	2SC4617R	Charge Pump
Q 1100	Transistor	RT1N441U	Switch
Q 1106	Transistor	2SC5006	UHF-B VCO
Q 1107	Transistor	2SC5006	Buffer Amplifier
Q 1108	Transistor	2SC5006	Buffer Amplifier
Q 1109	Transistor	2SC5374	VHF-B VCO
Q 1110	Transistor	2SC5374	Buffer Amplifier
Q 1111	Transistor	2SC5374	Buffer Amplifier
Q 1112	Transistor	2SC5006	UHF-A VCO
Q 1113	Transistor	2SC5006	Buffer Amplifier
Q 1114	Transistor	2SC5374	Buffer Amplifier
Q 1115	Transistor	2SC5374	VHF-A VCO
Q 1116	Transistor	2SC5374	Buffer Amplifier
Q 1117	Transistor	2SC5374	Buffer Amplifier
Q 1118	Transistor	2SC5374	TX50-29 VCO
Q 1119	Transistor	2SC5374	Buffer Amplifier
Q 1120	Transistor	RT1N441U	TX50-29 VCO
Q 1121	Transistor	RT1N441U	RX50-29 VCO
Q 1122	Transistor	2SC5374	Buffer Amplifier
Q 1123	Transistor	2SC5374	Buffer Amplifier
Q 1124	Transistor	2SC5374	Buffer Amplifier
Q 1126	Transistor	RT1N441U	Switch
Q 1127	Transistor	RT1N441U	Switch
Q 1128	Transistor	RT1N441U	Switch
Q 1129	Transistor	RT1N441U	Switch
Q 1130	IC	NJM2902V	APC
Q 1134	FET	RD70HVF1	TX Power Amplifier
Q 1135	Transistor	2SC4617R	Switch
Q 1136			
Q 1137	FET	2SK2975	TX Drive Amplifier
Q 1138	Transistor	2SD1664-Q	12.5V Regulator
Q 1139	FET	2SK2596	TX Pre-Drive Amplifier
Q 1140	Transistor	RT1N441U	Switch
Q 1141	Transistor	RT1N441U	Switch
Q 1142	Transistor	2SC4617R	AF Amplifier
Q 1143	Transistor	2SC4617R	AM Amplifier
Q 1145	Transistor	2SC4617R	Switch

Address	Device name	Description	Application
Q 1147	Transistor	2SC4617R	Ripple Filter
[PANEL-UNIT]			
D 2002	LED	TLY262(PQ)	Display Backlight
D 2003	LED	TLY262(PQ)	Display Backlight
D 2004	Diode	HZM27MA	Switch
D 2005	Diode	HZM27MA	Switch
Q 2001	IC	M38223M44	Sub Microprocessor
Q 2002	IC	LC75821E	LCD Driver
Q 2003	IC	LC75821E	LCD Driver
Q 2004	IC	TC4W53FU	Switch
Q 2005	Transistor	2SA1602A	Reset
Q 2006	Transistor	RT1N441U	Reset
Q 2007	Transistor	2SC4617R	LED Driver
Q 2008	Transistor	CPH6102	LED Driver
Q 2009	IC	NJM78L05UA	5V Regulator
[PANEL-SUB-UNIT]			
Q 3001	IC	NJM2904V	MIC Amplifier