

Component Application

Location	Parts Type	Nomenclature	Application
[MAIN-UNIT]			
Q 1001	Transistor	2SB1132	Charg Regulator
Q 1002	Transistor	UMZ2N	PTT switch
Q 1003	IC	AK93C85AM	EEPROM
Q 1004	Transistor	2SB1132	Mic amp. Regulator
Q 1005	IC	NJM2902V	Mic amplifier
Q 1006	Transistor	RT1N241M	Mic amp. REG switch
Q 1007	Transistor	2SC4116GR	MIC Mute switch
Q 1008	IC	AN6123MS	ALC amplifier
Q 1009	IC	TDA7233D	AF Power amplifier
Q 1010	Transistor	2SB1132	AF AMP.control switch
Q 1011	Transistor	UMG2N	Sidetone switch
Q 1012	Transistor	2SC4116GR	AF AMP.control switch
Q 1013	Transistor	2SC4116GR	Clock shift switch
Q 1014	IC	LC87F72C8A	Microprocessor
Q 1015	IC	TC7S66FU	Sidetone switch
Q 1016	Transistor	DTC124TU	AF Mute switch
Q 1017	IC	BU4094BCFV	Shift register
Q 1018	Transistor	2SC4116GR	Ripple filter
Q 1019	Transistor	DTA143EU	RX switch
Q 1020	Transistor	DTA143EU	RX SAVE switch
Q 1021	Transistor	RT1N241M	VCO Shift switch
Q 1022	Transistor	DTC124TU	Reset control
Q 1023	Transistor	DTA143EU	RX SAVE switch
Q 1024	Transistor	UMD2N	Charge Pump
Q 1025	Transistor	2SC5226	VCO
Q 1026	Transistor	RT1N241M	Mode switch
Q 1027	IC	S-80745SN-D9	Voltage detect
Q 1028	IC	NJM2904V	AF amplifier
Q 1029	Transistor	UMG2N	ANL switch
Q 1030	Transistor	2SC5226	Buffer amplifier
Q 1031	IC	LV2105V	PLL subsystem
Q 1032	FET	2SK880GR	VCV Buffer
Q 1033	Transistor	DTC143ZUA	LED driver
Q 1034	IC	S-81235SGUP-DQI	3.5V regulator
Q 1036	Transistor	2SB1132	5V regulator
Q 1037	Transistor	UMW1N	5V regulator
Q 1038	Transistor	RT1N241M	TX unlock switch
Q 1039	Transistor	2SC5226	Buffer amplifier
Q 1040	Transistor	2SC4116GR	Tx switch
Q 1041	Transistor	DTA143EU	Tx switch
Q 1043	Transistor	UMW1N	5V regulator
Q 1044	Transistor	2SB1132	5V regulator
Q 1045	Transistor	2SC4116GR	Reference Oscillator
Q 1046	Transistor	RT1P441U	VOR switch
Q 1047	Transistor	2SC3356	Driver amplifier
Q 1048	Transistor	2SB1132	TX regulator
Q 1049	Transistor	UMW1N	TX regulator
Q 1050	Transistor	2SC4116GR	doubler
Q 1051	FET	2SK2973	Exciter amplifier
Q 1052	IC	TK10931VT1	IF subsystem
Q 1053	IC	NJM2901V	VOR
Q 1054	Transistor	RT1N241M	AGC switch
Q 1055	Transistor	RT1N241M	APC switch
Q 1056	Transistor	DTC143ZUA	AGC switch

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Q 1057	IC	NJU7012F	APC
Q 1058	IC	NJM2902V	VOR
Q 1059	Transistor	2SA1602A	AGC amplifier
Q 1060	Transistor	2SC4215Y	IF amplifier
Q 1061	Transistor	2SK2974	Power amplifier
Q 1062	Transistor	UMW1N	AGC amplifier
Q 1063	Transistor	2SC5226	AGC
Q 1064	Transistor	2SA1602A	AGC switch
Q 1065	Transistor	2SA1602A	AGC switch
Q 1066	Transistor	2SC5226	AGC
Q 1067	Transistor	2SC5226	RF amplifier
Q 1068	Transistor	2SC5226	1st mixer
Q 1069	IC	LTC1288CS8	A/D converter
Q 1070	Transistor	UMG2N	RX switch
Q 1071	IC	MM1522XURE	temp. sensor
D 1001	Zener Diode	02CZ2.0X	Voltage limiter
D 1002	Diode	BAS316	Reverse protector
D 1003	Diode	BAS316	Reverse protector
D 1004	Diode	DAN222	Reverse voltage protector
D 1005	Diode	SB40W03T	Reverse voltage protector
D 1006	Diode	BAS316	Reverse voltage protector
D 1007	Diode	MC2850	Voltage protector
D 1008	Diode	MC2850	Voltage control
D 1009	Zener Diode	RD6.8UMB2	Voltage control
D 1010	Diode	RN739F	Modulation attenuator
D 1011	Diode	HVU350TRF	VCO
D 1012	Diode	BAS316	Ripple filter
D 1015	Diode	HSU277TRF	VCO Shift switch
D 1016	Diode	MC2850	Reset control
D 1017	Diode	BAS316	Reverse protector
D 1018	Diode	BAS316	Voltage protector
D 1019	Diode	BAS316	ANL
D 1021	Zener Diode	HZU4ALL	Voltage protector
D 1022	LED	AA1111C	Illumination
D 1023	LED	AA1111C	Illumination
D 1024	LED	AA1101F	Illumination
D 1025	LED	AA1111C	Illumination
D 1026	LED	AA1111C	Illumination
D 1027	Diode	MC2848	TX/RX switch
D 1028	Diode	MC2850	Fast switch
D 1029	Varactor Diode	HVU350TRF	BPF tune
D 1031	Varactor Diode	HVU350TRF	BPF tune
D 1032	Varactor Diode	HVU350TRF	BPF tune
D 1033	Diode	BAS316	Detector
D 1034	Diode	RLS135	Antenna switch
D 1035	Diode	MC2848	APC
D 1036	Diode	RLS135	Antenna switch
D 1037	Diode	MC2850	Fast switch
D 1038	Diode	RN739F	RF level limiter
D 1039	Diode	HSM88WA	Power detect
D 1040	Varactor Diode	HVU350TRF	BPF tune
D 1043	LED	AA1101F	Illumination
D 1044	Diode	1SS355	APC
D 1045	Diode	BAS316	AGC

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Location	Parts Type	Nomenclature	Application
[VR-UNIT]			
Q2001	Transistor	UMG2N	LED driver
D2001	LED	12-22SURYGC	TX/BUSY indicator
[CONTACT-UNIT]			
Q4001	IC	S-81230SG-QB	3V regulator