

PARTS LIST

This section contains parts list for the **UHF SRXR** power amplifier. It has the top assembly listing followed by the listings of the various and subassemblies, down to the part level.

TOPASSEMBLIES

QTY.	PART DESCRIPTION	TPL PART NUMBER
1	RF Deck Power Amplifier	T-102638-DFR-SA
1	Mechanical	MECH-SRXR-SA
1	UHF Dir. Coupler	T-102602-SA
1	RF Input Sensor	T-102594-SA
1	Fan Filter Board	T-102625-SA
1	Fan Assembly	RXR-101630-1-SA
1	LED Board	T-101947-1-SA
1	Power Supply 13.8 VDC	PS12-70A
1	Control Board, Smart RXR	

PARTS LIST

RF Deck

QTY.	REFERENCE NUMBER	PART DESCRIPTION
2	ATT1*, ATT2*	ATTENUATOR
8	C1, C3, C16, C21, C25, C31, C74, C76	100pF SMD Cap.
17	C2, C10, C11, C12, C14, C17, C18, C22, C23, C26, C27, C32, C33, C69, C75, C77, C78	1nF SMD Cap.
11	C4, C5, C6, C7, C9, C42, C43, C44, C45, C61, C62	270pF Porcelain Cap.
10	C8, C13, C15, C20, C28, C30, C34, C52, C73, C79	.1uF SMD Cap.
4	C19, C24, C29, C80	10uF SMD Electr. Cap.
2	C35, C68	1-10pF SMD Var. Cap.
4	C36, C50, C51, C67	2-10pF SMD Var. Cap.
1	C37	1uF SMD Electr. Cap.
6	C38, C40, C46, C53, C57, C71	24pF Porcelain Cap.
12	C39, C41, C47, C48, C54, C55, C58, C59, C72, C81, C82, C83	16pF Porcelain Cap.
3	C49, C56, C60	5.6pF Porcelain Cap.
2	C66, C63	7pF Metal Clad Cap.
2	C65, C64	15pF Metal Clad Cap.
4	D1, D2, D3, D4	MA4P7102F SMD PIN Diode
4	D5, D8, D10, D11	BAV99LT1 SMD Diode

PARTS LIST

(continued)

RF Deck

QTY.	REFERENCE NUMBER	PART DESCRIPTION
2	D6, D7	MMSD301LT1 Schottky Diode
1	D9	FEPB16DT SMD Diode
2	F1, F3	Fuse 15A. SMD Fuse
1	F2	Fuse 7A. SMD Fuse
2	L1, L2	.12uH SMD Coil
6	L4, L5, L7, L8, L20, L21	5T. Air Coil
3	L13, L14, L15	1T. Air Coil
1	Q1	MMBT4403LT1 SMD Trans.
1	Q2	MMBT4401LT1 SMD Trans.
1	Q3	TIP140 Transistor
3	Q4, Q5, Q6	RD60HUF1 RF Power Trans.
4	RT1, RT2, RT3, RT4	10 k SMD Thermistor
6	R17, R18, R36, R14, R24, R33	10 k SMD Resistor
4	R1, R3, R38, R39	75 X 1W SMD Resistor
6	R4, R8, R12, R15, R21, R34	1k SMD Res
1	R6	51 SMD Resistor
1	R7	470 SMD Resistor
2	R9, R11	47k SMD Resistor
1	R10	3.9k SMD Resistor
7	R13, R16, R20 ,R22, R23, R32, R35	20k SMD Resistor

PARTS LIST

(continued)

RF Deck

QTY.	REFERENCE NUMBER	PART DESCRIPTION
1	R19	5.2k SMD Resistor
1	R25	270 SMD Resistor
2	R26, R27	2k SMD Resistor
2	R31, R28	50 SMD Resistor
3	R29, R30, R37	100 SMD Resistor
1	THST1	Thermostat
1	U1	LM2931CS SMD V. Reg.