

G-Way Microwave

Parts List PL- PMAXXX/2.3/43OK-A-1 Rev C

15v Preamplifier Partial Assembly

QTY 500

ITEM	Qty Per Unit	Total Qty.	Mfr Part No.	/Vendor//Alt Mfr Part No.	Description	REF DESIG.	Comments (Mfr/Vendor//Alt mfr)
1	1	500	SGA-4586		MMIC Amplifier	A1	Sirenza/Richardson*
2	2	1000	SGA-6286		MMIC Amplifier	A2, A3	Sirenza/Richardson*
3	1	500	AMA836/2.3/430K-AX		Printed Circuit Board	B1	Futura
4	6	3000	100A510JW150XT		Capacitor, 51 pF	C1 - C6	ATC
5	1	500	T491C475KO25AS		Capacitor, 4.7uF, 25v, Tant.	C11	Kemet/Mouser
6	4	2000		/140-CC501B104K	Capacitor, 0.1 uF, 0805	C7,C8, C9, C10	/Mouser
7	1	500		/625-BZX84C5V1	Diode, zener, 5.1v, 300 mW, SOT-23	D1	/Mouser
8	3	1500	0805CS-220XJBB		Inductor, 22 nH, 0805	L1, L2, L3	Coilcraft
9	2	1000	CRCW0805-1200JTR		Resistor, 120 ohm, 5%, 0805	R1, R3	/Mouser/Future
10	1	500	CRCW0805-2400JTR		Resistor, 240 Ohm, 5%, 0805	R14	/Mouser/Future
11	1	500	CRCW0805-68R0JTR		Resistor, 68 ohm, 5%, 0805	R2	/Mouser/Future
12	5	2500	CRCW0805-1002JTR		Resistor, 10 kOhm, 5%, 0805	R4,R11-R13,R15	/Mouser/Future
13	2	1000	CRCW1206-3900JTR		Resistor, 390 ohm, 5%, 1206	R5, R6	/Mouser/Future
14	4	2000	CRCW1206-2000JTR		Resistor, 200 ohm, 5%, 1206	R7 - R10	/Mouser/Future
15	1	500	PT65303		Switch, Rotary "DIP"	S1	Apem/Heilind
16	1	500	L7812CV		Voltage Regulator,12V, TO-220	U1	/Future/Mouser (omit if included in final assy)
17	1	500	AT-264-PIN	//AA264-87	Attenuator, digital, 30 dB,4 bit	U2	MA-COM//Alpha*

* Do not substitute mfr(s).