

1	1	AMP0030	Power Amp, 6W, 836 mhz	PF0030	U3
2	1	AMP82563	MMic GaAs RF amp .1-6 GHz	MGA-82563	U9
3	1	AMPVAM7M	MMIC RF Amp	180-0711-05-001, IET0021AC	U8
4	7	CAP102K2X	Capacitor,10%,0603,X7R	1000 pF, 580-0102-05-010, IET0025AC	C15,C13,C12,C11,C9,C8,C1
5	4	CAP108RL	Electrolytic Capacitor, 1000 uF	Digikey order # P5634A-ND	C27,C26,C25,C5
6	6	CAP104Z2Y	Capacitor,+80/-20%,0603,Y5V	0.1uF, 580-0104-05-020, IET0027AC	C20,C18,C14,C10,C7,C6
7	5	CAP105Z3Y	Capacitor,+80 -20%,0805,Y5V,16V,	1 uf, 580-0105-05-020, IET0028AC	C29,C28,C19,C3,C2
8	1	CAP156K7T	Capacitor,10%,1508,TANTALUM	15 uF, 570-0156-05-010, IET0032AC	C24
9	2	CAP680J2C	Capacitor,5%,0603,COG,50V	68pf, 580-0680-05-005, IET0237AC	C21,C16
10	1	CON4PRA	connector, booster power	order # WM3901-ND, Mfg # 39-29-104B	J1
11	2	CONTNCRA	Connector, tnc, right angle PCB mount	IMS P# 1121.02.2620.009	J3,J2
12	2	DIO4CS1	Diode, Detector	MA4CS102A, RF Detector, 270-0102-05-001, IET0056AC	CR3,CR2
13	1	DIR15SM	Directional Coupler 15dB 100 watt	1D1304-15	DC1
14	1	FIL887S0001	Saw Filter,881 Mhz	HWCB606, 260-0001-05-003, IET0058AC	FL2
15	1	FILDUPL	Duplexer,Ceramic, 836Mhz,881Mhz	DFY2R836CR881BHA, 260-0001-05-005, IET0060AC	FL1
16	1	FILDUPL10W	Duplexer,10W	DFYKR836CR881HHA	FL3
17	2	INDR10K3M	Inductor,10%,0805,Multilayer	100 nh, 260-0100-05-001, IET0072AC	L2,L1
18	1	LEDRED	LED, SURFACE MOUNT, RED	SSF-LXH305ID-TR	DS1
20	2	OPA0662	CMOS DUAL OP AMP	LPC662 AIM	U5,U4
21	1	PCB970301	printed circuit board, booster		

23	7	RES103J20	Resistor,5%,0603,Thick Film,200ppm	10 K, RM73B1JT103J, IET0084AC	R44,R37,R28,R27,R26, R25,R20
24	6	RES104J20	Resistor,5%,0603,Thick Film,200ppm	100 K, RM73B1JT104J, IET0085AC	R36,R31,R30,R21,R19, R18
25	1	RES112J20	Resistor,5%,0603,Thick Film,200ppm	1.1k, RM73B1JT112J	R35
26	2	RES121J20	Resistor,5%,0603,Thick Film,200ppm	120 ohm, RM73B1ET121J	R39,R15
27	1	RES164J20	Resistor,5%,0603,Thick Film	160K RM73B1JT164J, IET0225AC	R13
28	1	RES180J20	Resistor,5%,0603,Thick Film,200ppm	18 ohm, RM73B1JT180J, IET0096AC	R41
29	2	RES240J20	Resistor,5%,0603,Thick Film,200ppm	24 ohm, RM73B1JT240J, IET0102AC	R33,R32
30	1	RES274J20	Resistor,5%,0603,Thick Film,200ppm	270 K, RM73B1JT274J, IET0105AC	R17
31	2	RES301J20	Resistor,5%,0603,Thick Film,200ppm	300 ohm, RM73B1JT301J, IET0106AC	R43,R42
32	1	RES471J10	Resistor,5%,0402,Thick Film, 200ppm	470 OHM, RM73BIET471J	R22
33	1	RES223J20	Resistor,5%,0603,Thick Film,200ppm	22 K, RM73B1JT223J, IET0100AC	R14
34	2	RES510J20	Resistor,5%,0603,Thick Film,200ppm	51 ohm, RM73B1JT510J, IET0115AC	R29,16
35	1	RES560JL3	56 ohm, Power resistor, 3 watt, wirewound	DK Order # ALSR3J-56-ND	R1
36	1	RES621J2C	Resistor,5%,0603,Thick Film,200ppm	620 ohm	R10
37	4	RES750J20	Resistor,5%,0603,Thick Film,200ppm	75 ohm, RM73BIJT750J, IET0341AC	R40,R38,R24,R23
38	1	SPLT01R	0deg Splitter/Combiner	STH-01R	S1
39	1	SSY970301	subassembly, booster packaging		
40	1	VRG1245	Voltage Regulator, 4.5 V, Sot23L	TK11245AMTL, 240-0045-05-001, IET0135AC	VR3
41	1	VRG29302	Voltage Regulator, 12.0 v. ,TO-236-5P	MIC29302BU	VR2
43	1	XTR85633	Transistor,NPN,RF,7 GHz	NE85633-T1B, 280-0001-05-002, IET0136AC	Q1