

Bill of Material - Single Level

Part No: 06711-01 - PWA,uSTRIP/RF SOURCE

Revision: B

<u>Part No</u>	<u>Item No</u>	<u>Descriptio</u>		<u>UoM</u>	<u>Kit</u>	<u>Component Quantity</u>
07711-01	0001	PWB,uSTRIP/RF SOURCE		EA	Y	1.0000
10711-00	0002	SCHEM.MICROSTRIP/RF SOURCE		EA	Y	0.0000
30021-15	0003	CAP, HI-Q, 33pF, 100V	C1,C82	EA	Y	2.0000
30032-32	0004	CAP, NPO, 0603, 330pF, +/- 1%	C2,C3,C20,C21,C34,C41 C75,C76	EA	Y	8.0000
30032-11	0005	CAP, NPO, 0603, 5.6pF, +/- .25	C4,C66	EA	Y	2.0000
30031-13	0007	CAP,X7R,0603,10C0pF,+/-10%	C6,C7,C28,C31,C49,C55 C56,C61, C65, C80,C85	EA	Y	11.0000
30032-21	0008	CAP, NPO, 0603, 39pF, +/- 1%	C8,C27,C60	EA	Y	3.0000
30035-03	0009	CAP,MICROWAVE,LOW ESR 12pF	C9	EA	Y	1.0000
30032-23	0010	CAP, NPO, 0603, 56pF, +/- 1%	C10	EA	Y	1.0000
30003-23	0011	CAP,CCG,50V,68.0pF,+/-5%	C13	EA	Y	1.0000
30032-20	0012	CAP, NPO, 0603, 33pF, +/- 1%	C14,C23,C24,C25	EA	Y	4.0000
30011-07	0013	CAP, HI-Q, 5%, 150V, 12pF	C16,C17	EA	Y	2.0000
30032-08	0015	CAP, NPO, 0603, 3.3pF, +/- .25	C18,C19	EA	Y	2.0000
30032-25	0016	CAP, NPO, 0603, 82pF, +/- 1%	C22	EA	Y	1.0000
30031-01	0017	CAP,X7R,0603,100pF,+/-10%	C26,C68,C71	EA	Y	3.0000
30031-25	0018	CAP,X7R,0603,10000pF,+/-10%	C29,C33,C37,C40,C43,C44,C48, C51, C53,C54,C63,C64,C67,C72	EA	Y	14.0000

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30000-28	0019	CAPACITOR,TANT,10%,16V,4.7uF	C30,C90	EA	Y	2.0000
30035-23	0020	CAP,MICROWAVE LOW ESR 100pF	C32	EA	Y	1.0000
30000-30	0021	CAPACITOR,TANT,10%,16V,10.0uF	C35	EA	Y	1.0000
30032-18	0022	CAP, NPO, 0603, 22pF, +/- 2%	C36	EA	Y	1.0000
30032-14	0024	CAP, NPO, 0603, 10pF, +/- .25	C39	EA	Y	1.0000
30004-45	0025	CAPACITOR,X7R,50V,10%,100000pF	C42,C50,C57,C73,C74,C79,C81,C89	EA	Y	8.0000
30000-42	0026	CAPACITOR,TANT,10%,20V,10.0uF	C45,C86	EA	Y	2.0000
30000-20	0027	CAPACITOR,TANT,10%,10V,22.0uF	C46,C47	EA	Y	2.0000
30000-14	0028	CAPACITOR,TANT,10%,10V,2.2uF	C52,C78	EA	Y	2.0000
30000-81	0029	CAPACITOR,TANT,10%,20V,33.0uF	C58,C59,C62	EA	Y	3.0000
30038-07	0031	CAP,X7R DIELECTRIC,25V,1.0uF	C69	EA	Y	1.0000
28003-02	0032	CAP, TRIMMER, 50V, 2.0 - 6.0pF	C70,C92	EA	Y	2.0000
30000-87	0033	CAPACITOR,TANT,10%,16V,100.0uF	C77,C91	EA	Y	2.0000
30000-33	0034	CAPACITOR,TANT,10%,16V,33.0uF	C83,C87	EA	Y	2.0000
30038-06	0035	CAP,X7R DIELECTRIC,16V,4.7uF	C84	EA	Y	1.0000
30032-30	0036	CAP, NPO, 0603, 220pF, +/- 1%	C88	EA	Y	1.0000
30036-17	0037	CAP,SMT,NPO,+/-0.25pF,2.0pF	C93	EA	Y	1.0000

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37009-01	0038	DIODE, SCHOTTKY, SINGLE	CR1,CR3,CR4,CR8	EA	Y	4.0000
37044-02	0039	DIODE,STEP RECOVERY,SOT-23	CR2	EA	Y	1.0000
37004-01	0040	DIODE, SMT, DUAL, BAV99	CR5,CR6,CR7	EA	Y	3.0000
37051-01	0041	DIODE,SCHOTTKY PWR RECTIFIER	CR9	EA	Y	1.0000
45031-04	0042	FILTER,BANDPASS,915.0 MHz	FL1,FL2,FL3	EA	Y	3.0000
34077-01	0044	CONN,RF,SMB,SMT,STRAIGHT	J1	EA	Y	1.0000
43017-24	0045	IDCTR,CHIP,0603,5% 39nH	L1,L2,L3,L5,L6,L10,L11,L17,L18	EA	Y	9.0000
43010-09	0046	INDUCTOR,CHIP,SMT,6.8nH	L4,L8	EA	N	2.0000
43017-07	0047	IDCTR,CHIP,0603,5% 5.1nH	L7	EA	Y	1.0000
43001-14	0048	INDUCTOR, SMT, 82nH, +/- 10%	L9	EA	Y	1.0000
43005-01	0049	INDUCTOR, 1812, 10%, 39 uH	L12,L13,L19,L21	EA	Y	4.0000
43017-31	0050	IDCTR,CHIP,0603,5% 100nH	L14	EA	Y	1.0000
43020-12	0051	INDUCTOR,SMT,5%,10.0uH	L15	EA	Y	1.0000
43020-06	0052	INDUCTOR,SMT,5%,3.3uH	L16,L20	EA	Y	2.0000
54007-01	0053	SOCKET, MICROJACK,.015-.025PIN	MJ1,MJ2,MJ3,MJ4,MJ5	EA	Y	5.0000
61066-01	0054	TRANSISTOR,GaAs HFET,0.5W	Q1	EA	Y	1.0000
61065-01	0055	TRANSISTOR,RF MPOWER LDMOS	Q2	EA	Y	1.0000

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61056-01	0056	TRANSISTOR,NPN SILICON RF	Q3	EA	Y	1.0000
61055-01	0057	TRANSISTOR,NPN SILICON RF	Q4	EA	Y	1.0000
61002-05	0058	TRANS,PNP,GEN PURPOSE	Q5,Q6,Q7,Q8,Q9	EA	Y	5.0000
51148-01	0059	RES, +/- 1%, 0603, 10.0K OHMS	R2,R14,R24,R53,R55	EA	Y	5.0000
51145-97	0060	RES, +/- 1%, 0603, 000 OHMS	R3,R4,R13,R15,R31,R34 R41,R51	EA	Y	8.0000
51147-01	0062	RES, +/- 1%, 0603, 1.00K OHM	R6,R33,R36	EA	Y	3.0000
51150-35	0063	RES, +/- 5%, 0603, 270 OHMS	R7	EA	Y	1.0000
51131-96	0064	RESISTOR, 0805, 1%, 976 OHM	R8	EA	Y	1.0000
51127-36	0065	RES, 0805, 1/10W, 5%, 300 OHM	R9,R10	EA	Y	2.0000
51127-07	0066	RESISTOR,0805,1/10W,5%,18 OHM	R11	EA	Y	1.0000
51145-30	0067	RES, +/- 1%, 0603, 20.0 OHMS	R12	EA	Y	1.0000
51131-55	0068	RESISTOR, 0805, 1%, 365 OHM	R16,R18	EA	Y	2.0000
51145-01	0069	RES, +/- 1%, 0603, 10.0 OHMS	R19	EA	Y	1.0000
51150-66	0070	RES, +/- 5%, 0603, 5100 OHMS	R20	EA	Y	1.0000
51109-28	0071	RES, 2512, 1W, 5%, 130 OHMS	R21	EA	Y	1.0000
51146-34	0072	RES, +/- 1%, 0603, 221 OHMS	R22	EA	Y	1.0000
51146-29	0073	RES, +/- 1%, 0603, 196 OHMS	R23	EA	Y	1.0000

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51146-5	0091	RES, +/- 1%, 0603, 140 OHMS	R52	EA	Y	1.0000
51111-97	0092	RES, 1206, 1/8W, 5%, 0 OHMS	R54	EA	Y	1.0000
51146-88	0093	RES, +/- 1%, 0603, 806 OHMS	R56	EA	Y	1.0000
51148-58	0094	RES, +/- 1%, 0603, 39.2K OHMS	R57	EA	Y	1.0000
51147-63	0095	RES, +/- 1%, 0603, 4.42K OHM	R58	EA	Y	1.0000
05035-01	0097	IMPEDANCE TRANSFORMER 4:1	T1	EA	Y	1.0000
52110-01	0098	AMPLIFIER,DC-4 GHz, MMIC	U1	EA	Y	1.0000
53058-01	0099	REGULATOR,LDO,100 MA	U2	EA	Y	1.0000
40344-01	0100	LINEAR REGULATOR, -5.0V	U3	EA	Y	1.0000
40343-02	0101	IC,DC/DC CONVERTER,2.2MHz	U4	EA	Y	1.0000
81005-21	0103	ADHESIVE, SILICONE		EA	N	0.0100
30032-17	0104	CAP, NFO, 0603, 13pF, +/- 2%	C38	EA	Y	1.0000