

PART LIST

Item	Qty	Descript	Ref Desig
1	2	AMP 900 MHZ POWER	U62 U72
2	2	AMP 1900 MHZ POWER AMP	U42 U52
3	4	FILTER 881.5 MHZ	FIL60 FIL61 FIL62 FIL63
4	4	FILTER 1880 MHZ	FIL 50 FIL51 FIL52 FIL53
5	4	FILTER 836.5 MHZ	FIL70 FIL71 FIL72 FIL73
6	4	FILTER 1960 MHZ	FIL40 FIL41 FIL42 FIL43
7	3	CAP 0.1UF	C2 C6 C10
8	1	CAP 1000pF	C1
9	12	CAP 100pF	C41 C48 C49 C50 C58 C59 C61 C68 C69 C70 C78 C79
10	12	CAP 47nF	C42 C43 C44 C52 C53 C54 C62 C63 C64 C72 C73 C74
11	12	CAP 4.7uF	C45 C46 C47 C55 C56 C57 C65 C66 C67 C75 C76 C77
12	2	CAP 22uF	C5 C7
13	4	CAP 1uF	C40 C51 C60 C71
14	2	CAP 1.5pF	C22 C31
15	4	DIRECTIONAL COUPLER-DETECTOR	U43 U53 U63 U73
16	2	DUPLEXER AMPS	FIL5-6
17	2	DUPLEXER PCS	FIL3-4
18	1	REGULATOR 2.85V	U2
19	4	IND 2.2nH	L44 L54 L64 L74
20	4	IND 4.7nH	L42 L52 L62 L72
21	8	IND 33nH	L41 L43 L51 L53 L61 L63 L71 L73
22	4	IND100nH	L40 L50 L60 L70
23	1	REGULATOR IC	U1
24	4	OP AMP	U12 U13 U14 U15
25	1	LED	D10
26	2	DIPLEXER	FIL1 FIL2
27	1	MICROCONTROLLER	U10
28	1	DIGITAL POTENTIOMETER	U11
29	4	RES 22OHM	R40 R50 R60 R70
30	8	RES 3.01KOHM	R44 R45 R54 R55 R64 R65 R74
31	8	RES 1.0KOHM	R6 R10 R11 R12 R46 R56 R66 R76
32	4	RES 100OHM	R61 R63 R71 R73
33	4	RES 4.75KOHM	R13 R14 R15 R16
34	2	RES 68OHM	R62 R72
35	4	RES 300OHM	R41 R43 R51 R53
36	1	RES 2.49KOHM	R5
37	2	RES 18OHM	R42 R52
38	2	RES 200OHM	R17 R18
39	4	VARIABLE GAIN BLOCK	U41 U51 U61 U71
40	4	GAIN BLOCK	U40 U50 U60 U70