

Revised: Thursday, May 29, 1997						
Revision:						
01000103 TFA adeH-c/n Remote Antenna Britecell Dualband						
Bill Of Materials			February17,1999	14:00:02		
Item	Qty.	Ref.	Value	Pack.	Cod.	Desc.
1	20	C1,C3,C4,C5,C8,C11,C75, C78,C101,C132,C138,C168, C170,C222,C223,C224,C239, C241,C245,C248	10uF 16V		40XXXXXXX	
2	18	C2,C6,C9,C15,C18,C54,C80, C84,C109,C134,C136,C161, C164,C177,C182,C209,C210, C227	10nF		40XXXXX00	
3	4	MP2,C7,C13,C86	3.3pF		40XXXXX00	
4	23	C12,C22,C52,C63,C76,C82, C88,C104,C107,C130,C154, C160,C169,C202,C207,C234, C236,C243,C244,C247,C260, C271,C272	100nF		40XXXXX00	
5	2	C46,C14	22pF		40XXXXX00	
6	23	C16,C17,C19,C20,C23,C25, C26,C55,C64,C66,C73,C81, C85,C108,C110,C135,C137, C162,C163,C178,C183,C208, C211	100pF		40XXXXX00	
7	18	C21,C24,C40,C41,C65,C69, C70,C71,C74,C87,C140, C149,C156,C157,C174,C176, C179,C192	1nF		40XXXXX00	
8	26	C27,C28,C29,C31,C32,C33, C36,C37,C38,C49,C50,C91, C92,C93,C144,C146,C147, C150,C165,C166,C167,C186, C187,C188,C195,C216	68pF		40XXXXX00	
9	4	MP3,MP5,C34,C181	1.8pF		40XXXXX00	
10	32	C35,C43,C44,C57,C59,C60, C61,C62,C68,C94,C96,C99, C158,C159,C172,C184,C185, C191,C193,C194,C196,C212, C213,C214,C217,C218,C220, C235,C259,C267,C274,C276	TBD		40XXXXX00	
11	11	C42,C47,C48,C51,C151, C173,C225,C228,C229,C232, C233	1pF		40XXXXX00	
12	2	C258,C45	1.5pF		40XXXXX00	
13	8	C53,C237,C238,C240,C242, C268,C269,C270	220uF 16V		40XXXXXXX	
14	4	C58,C171,C175,C197	2.7pF		40XXXXX00	
15	7	C67,C72,C180,C190,C200, C204,C206	47pF		40XXXXX00	

Revised: Friday, July 11, 1997						
Revision:						
01002102 TFL04 LOCALE BRITECELL rev02						
Bill Of Materials October29,1997 8:55:46						
Item	Qty.	Ref.	Value	Pack.	Cod.	Desc.
1	40	LS1,LD1,L1,J1,C1,LS2,LD2, L2,J2,C2,LD3,J3,C3,LD4, J4,LD5,J5,C5,LD6,J6,C6, LD7,C7,LD8,L8,C29,C30, C31,C32,C33,C34,C35,C36, C37,C38,C39,C40,C41,R49, R51	TBD			
2	10	C4,C8,C13,C14,C15,C16, C21,C22,C23,C24	47pF			
3	8	C9,C10,C11,C12,C17,C18, C19,C20	470pF			
4	2	C28,C25	10uF 16V			
5	4	C26,C27,C42,C43	100nF			
6	5	DZ1,DZ2,DZ3,DZ4,DZ5	BZX84 5V1		030XXXX00	
7	8	D1,D2,D5,D6,D8,D9,D10, D13	BYD17D			
8	1	D3	BAV70			
9	1	H1	TRAS1:4			
10	1	IC1	HEF4077B			
11	1	IC2	HEF4082B			
12	1	IC5	78M08			
13	1	JP1	RX1 ON			
14	1	JP2	RX1 OFF			
15	1	JP3	RX2 ON			
16	1	JP4	RX2 OFF			
17	1	JP5	RX3 ON			
18	1	JP6	RX3 OFF			
19	1	JP7	RX4 ON			
20	1	JP8	RX4 OFF			
21	1	L3	VK200			
22	4	L4,L5,L6,L7	1uH			
23	2	R1,R17	820			
24	2	R18,R2	56			
25	2	R4,R3	5,6			
26	15	R5,R6,R7,R9,R10,R12,R13, R15,R24,R29,R34,R39,R44, R46,R47	1K			
27	1	R8	220			
28	13	R11,R14,R23,R26,R28,R31, R33,R36,R38,R41,R43,R45, R48	2.7K			
29	3	R16,R19,R20	100			
30	9	R22,R25,R27,R30,R32,R35, R37,R40,R42	10K			
31	1	R50	0			

Revised: Tuesday, September 02, 1997						
Revision: 0.0P						
01003820 TFB815 RF Booster AMPS						
Bill Of Materials			February17,1999	14:00:02		
Item	Qty.	Ref.	Value	Pack.	Cod.	Desc.
1	2	J13,J14	SMA		050700X00	
2	1	J15	MOLEX 1625-02R2			
3	1	J16	PLUG AC MALE			
4	1	LD1	RED LED 5mm			
5	1	LD2	GREEN LED 5mm			
6	1	R1	1K		01XXXXX00	

Revised: Tuesday, September 02, 1997						
Revision: 0.0P						
01003820 TFB825 RF Booster AMPS						
Bill Of Materials			February17,1999	14:00:02		
Item	Qty.	Ref.	Value	Pack.	Cod.	Desc.
1	2	J13,J14	SMA		050700X00	
2	1	J15	MOLEX 1625-02R2			
3	1	J16	RM12-3P			
4	1	LD1	RED LED 5mm			
5	1	LD2	GREEN LED 5mm			
6	1	R1	1K		01XXXXXX00	

Revised: Tuesday, September 02, 1997						
Revision: 0.0P						
01003923 TLB 805 LNA Booster rev03						
Bill Of Materials February17,1999 14:00:02						
Item	Qty.	Ref.	Value	Pack.	Cod.	Desc.
1	5	C1,C3,C4,C5,C19	1nF		40XXXXX00	
2	3	C2,C21,C25	100pF		40XXXXX00	
3	1	C6	1.5pF		40XXXXX00	
4	5	C7,C8,C23,C40,C42	TBD		40XXXXX00	
5	3	C9,C10,C11	33pF		40XXXXX00	
6	5	C12,C13,C14,C15,C41	2.7pF		40XXXXX00	
7	1	C16	8.2pF		40XXXXX00	
8	3	C17,C29,R48	TBD			
9	5	C18,C20,C22,C26,C27	100nF		40XXXXX00	
10	1	C24	10uF		40XXXXXXX	
11	2	C28,C34	100nF			
12	4	C30,C31,C32,C33	47uF 50V			
13	4	C35,C36,C37,C38	220uF 16V			
14	1	C39	2.2pF		40XXXXX00	
15	1	C43	22uF 50V			
16	2	DP1,DP2	DFY2R836CR881BHD			
17	1	DZ1	5V1			
18	1	D1	BAR14		30101700	DIODO BAV 99 sot 23
19	2	D6,D2	BAT17		030XXXX00	
20	4	D3,D4,D7,D9	BAV70		30101600	DIODO BAV 70 sot 23
21	1	D5	BYD17D		030XXXX00	
22	1	D8	BYV28			
23	1	FLT1	TBD		0801XXX00	
24	2	JP1,JP2	STRIP 2.54			
25	2	JP3,JP4	STRIP 2.54		700100200	JUMPER CON ESTRA
26	2	J2,J1	SMA		050700X00	
27	3	J3,J5,J6	MSTBV 2,5/2-G-5,08			
28	1	J4	MSTBV 2,5/3-G-5,08			
29	3	L1,L3,L5	3sp.			
30	2	L2,L6	2sp.			
31	1	L4	4sp.			
32	3	L7,L9,L10	VK200			
33	1	L8	330uH			
34	1	PD1	TBD		140X00100	
35	6	P1,P2,P3,P4,P5,P6				
36	1	RL1	A5W-K			
37	1	RV1	10 K			
38	1	R1	12		0115XXX00	
39	1	R2	2.7K		0115XXX00	
40	3	R3,R11,R12	33		0115XXX00	
41	2	R4,R5	180		0115XXX00	
42	2	R6,R60	680		0115XXX00	
43	5	R7,R10,R14,R15,R55	TBD		0115XXX00	
44	2	R9,R8	8,2		0115XXX00	
45	1	R13	0		0115XXX00	
46	3	R16,R22,R24	2.2K		0115XXX00	
47	1	R17	100		0115XXX00	
48	1	R18	47K		0115XXX00	
49	1	R19	180K		0115XXX00	
50	1	R20	NTC 220		0115XXX00	
51	1	R21	560		0115XXX00	
52	2	R23,R29	470K		0115XXX00	

Revised: Tuesday, July 01, 1997						
Revision:						
01000903 TLBC CONTROLLO LASER BIAS REV.03						
Bill Of Materials		February18,1999	8:06:42			
Item	Qty.	Ref.	Value	Pack.	Cod.	Desc.
1	2	C1,C4	470nF			
2	3	C2,C5,C11	10uF 16V			
3	5	C3,C6,C9,C10,C14	100nF			
4	1	C7	TBD			
5	2	C8,C13	1nF			
6	1	C12	220pF			
7	1	D1	BAV70			
8	3	IC1,IC2,IC3	LM258D			
9	2	RV2,RV1	10 K			
10	1	R1	390K			
11	5	R2,R16,R17,R21,R27	1K			
12	8	R3,R5,R7,R10,R12,R13,R18, R22	10K			
13	3	R4,R26,R28	2K2			
14	1	R6	470K			
15	2	R8,R11	4K7			
16	1	R9	8K2			
17	1	R14		120		
18	1	R15		82		
19	1	R19		33		
20	1	R20		0		
21	1	R23	1K8			
22	1	R25	1K5			
23	1	R29		100		
24	1	R30	100K			
25	1	T1	BFR93A			
26	1	T2	RFD8P05			
27	1	T3	BCX19			

53	1	R25	1.8K		0115XXX00	
54	2	R26,R61	4.7K		0115XXX00	
55	1	R27	1M		0115XXX00	
56	1	R28	22K		0115XXX00	
57	5	R30,R33,R34,R39,R53	10K		0115XXX00	
58	2	R38,R31	2.2M		0115XXX00	
59	1	R32		470	0115XXX00	
60	2	R35,R36		820	0115XXX00	
61	4	R37,R51,R62,R63	1K		0115XXX00	
62	8	R40,R41,R42,R43,R44,R45		1	0115XXX00	
		R46,R47				
63	1	R49	1K			
64	1	R50		150		
65	1	R52	1.2K		0115XXX00	
66	1	R56	12K		0115XXX00	
67	1	R57	1.5K			
68	1	R58	1.8K			
69	1	R59	15 1W			
70	1	T1	BFG540W/X			
71	3	T2,T3,T4	BCX19			
72	1	T2	RFD8P05			
73	2	U1,U2	LM224			
74	1	U3	LM2576T-5			

32	2	R52,R54	470			
33	2	R53,R55	4.7K			
34	4	R56,R57,R58,R59	2.2K			
35	1	R60	560			
36	4	R61,R62,R63,R64	100K			
37	3	SP1,SP2,SP3	SPLITTER C.S.			
38	15	T1,T2,T3,T4,T5,T6,T7,T8,	BCX19			
		T9,T10,T11,T12,T13,T14,				
		T15				

16	2	C95,C77	3.9pF		40XXXXX00
17	15	C79,C89,C90,C105,C111, C114,C116,C117,C119,C126, C129,C133,C145,C152,C153	100nF		
18	2	C83,C98	22pF		
19	2	C97,MP1	5.6pF		40XXXXX00
20	1	C100	4.7pF		40XXXXX00
21	2	C102,C118	47uF 35V		
22	9	C103,C106,C120,C124,C226, C252,C253,C254,C275	1uF	1206	40XXXXX00
23	2	C115,C113	1uF	1206	
24	4	C121,C125,C127,C148	10uF 16V		
25	2	C122,C131	470nF		
26	2	C249,C123	470nF		40XXXXX00
27	1	C128	470pF		
28	1	C139	1nF		
29	9	C142,C143,C201,C250,C251, C256,C257,C277,C278	1.2pF		40XXXXX00
30	1	C155	2.2pF		40XXXXX00
31	4	C189,C199,C203,C205	470pF		40XXXXX00
32	1	C221	470nF	1206	40XXXXX00
33	1	C246	220uF 35V		40XXXXXXX
34	1	C255	TBD	1206	40XXXXX00
35	4	JP9,D13,R71,C273	TBD		
36	3	DPX1,DPX3,DPX4	SEE TABLE	DFY1	
37	2	DPX2,DPX6	SEE TABLE	DFY3	
38	1	DZ1	BZX84 5V6		
39	4	D1,D2,D8,D9	BAR-15		
40	3	D3,D10,D16	BAT17		
41	2	D6,D4	TRANZORB		
42	2	D5,D7	BAV70		
43	3	D11,D14,D15	BAV99		
44	1	D12	BYV28-100		
45	1	FD1	CPF27/D76		
46	2	FLT2,FLT1	SEE TABLE	DFC3RPD.PRT	
47	1	FLT3	SEE TABLE	FLTFUJTH.PRT	
48	1	H1	IBRIDO 90° 27 mm		
49	1	IC1	LM258D		30306200
50	1	IC2	68HC705P9		
51	1	IC3	TL431ID	SO8	
52	5	IC4,IC6,IC7,IC8,IC9	LM258D		
53	1	IC5	LM2576T-5.0		
54	1	IC10	78M08D		
55	2	IC11,IC12	LCM7660		
56	1	JP1	STRIP		
57	5	JP3,JP4,JP5,JP6,JP8	STRIP 1x2		
58	1	J1	TBD_VERS		050700X00
59	2	J3,J2	SMA		
60	1	J4	CONN. MOLEX	MOLEX 4 CONTATTI	
61	1	J5	CONN. MOLEX	MOLEX 4050XXXX00	
62	1	LAS1	CQF670		
63	1	LD1	LED GREEN		
64	2	LD2,LD3	LED RED		
65	1	L1	TBD	1210	
66	4	L2,L3,L29,L47	6sp.		
67	16	L4,L5,L11,L12,L13,L20,	100nH	1210	

		L21,L22,L36,L39,L42,L44, L45,L46,L48,L50				
68	10	L8,L15,L16,L17,L18,L31, L33,L58,L61,L62	1/2sp.			
69	9	L9,L14,L19,L25,L56,L57, L59,L60,L63	2sp.			
70	1	L24	5sp.			
71	1	L34	VK200			
72	1	L35	330uH			
73	3	L37,L38,L43	3sp.			
74	1	L49	100nH	1210	06XXXXXX00	
75	2	MP4,MP6	0.5pF		40XXXXXX00	
76	8	P1,P2,P3,P4,P5,P6,P7,P8	PIAZ			
77	2	RV1,RV3	1K	trimmer	01XXXXXX00	
78	3	RV2,RV4,RV12	10K	trimmer	01XXXXXX00	
79	4	RV5,RV6,RV8,RV10	10K	trimmer		
80	8	R1,R4,R11,R13,R61,R62, R64,R67		1	0115XXX00	
81	10	R2,R3,R6,R7,R8,R9,R164, R187,R239,R240	180	1206	0115XXX00	
82	7	R5,R10,R63,R167,R202, R204,R234	4,7		0115XXX00	
83	25	R12,R38,R69,R72,R75,R79, R81,R89,R90,R92,R100, R104,R105,R120,R148,R150, R155,R197,R216,R224,R232, R235,R254,R282,R284	1K		0115XXX00	
84	5	R14,R15,R16,R170,R196	5.6K		0115XXX00	
85	14	R17,R39,R47,R49,R70,R73, R83,R99,R141,R165,R177, R237,R251,R283	10K		0115XXX00	
86	13	R18,R23,R43,R45,R46,R50, R51,R58,R74,R192,R193, R209,R210	5,6		0115XXX00	
87	12	R19,R20,R66,R107,R119, R132,R147,R152,R180,R188, R189,R190	2.2K		0115XXX00	
88	5	R21,R22,R175,R176,R213	12		0115XXX00	
89	16	R24,R25,R26,R27,R36,R42, R78,R207,R214,R230,R231, R236,R242,R268,R270,R280	TBD		0115XXX00	
90	5	R28,R34,R37,R182,R203	680		0115XXX00	
91	17	R29,R30,R32,R33,R41,R65, R98,R103,R106,R143,R151, R178,R179,R183,R184,R217, R218	470		0115XXX00	
92	7	R31,R80,R200,R201,R220, R221,R222	220		0115XXX00	
93	4	R35,R159,R168,R225	100		0115XXX00	
94	5	R40,R88,R255,R256,R285	49,9		0115XXX00	
95	12	R44,R85,R87,R181,R212, R264,R267,R269,R274,R275, R276,R277	0		0115XXX00	
96	2	R48,R91	390		0115XXX00	
97	3	R52,R54,R253	22K		0115XXX00	
98	4	R53,R59,R215,R271	22		0115XXX00	

99	2	R55,R60	33		0115XXX00
100	4	R56,R57,R205,R206	560		0115XXX00
101	45	R68,R82,R84,R95,R96,R97, R102,R109,R110,R111,R112, R113,R115,R116,R117,R118, R121,R122,R123,R124,R125, R126,R127,R128,R129,R134, R135,R136,R137,R138,R139, R140,R142,R149,R153,R156, R157,R158,R160,R163,R166, R171,R185,R279,R281	10K		
102	2	R174,R76	1.8K		0115XXX00
103	1	R77	5.6pF		0115XXX00
104	1	R86	27K		0115XXX00
105	2	R144,R93	8.2K		
106	1	R94	1K		
107	2	R101,R278	18K		0115XXX00
108	3	R108,R161,R162	2.7K		0115XXX00
109	2	R169,R114	100K		
110	10	R130,R145,R146,R186,R219, R223,R226,R228,R233,R238	4.7K		0115XXX00
111	2	R131,R133	390K		
112	1	R154	100		
113	2	R172,R244	68	1206	0115XXX00
114	1	R173	1.8K		
115	9	R199,R229,R245,R246,R247, R248,R249,R250,R252	6.8K		0115XXX00
116	4	R241,R263,R265,R266	12K		0115XXX00
117	1	R243	100K		0115XXX00
118	2	R273,R272	1.5K		0115XXX00
119	1	S1	SW DIP-4		1201100X00
120	2	T20,T1	P0100002P	SOT 89	
121	2	T8,T2	P0100005P	SOT 89	
122	5	T3,T4,T5,T16,T19	BFG541		
123	3	T6,T17,T21	ATF10136		
124	1	T7	CLY2		
125	9	T9,T10,T11,T13,T15,T18, T22,T23,T24	BCX19		
126	1	T12	BFR93A		
127	1	T14	RFD8P05		
128	1	XT1	4MHz		