

LBT - Power Backplane v.1.0

BILL OF MATERIAL

17 December 2003

Item	Q.ty	Reference	Part	Package	Stock Number	Order Code
1	1	CD1	2.2uF	0805SMALL		
2	23	CD2,CD3,CD4,CD5,CD6,CD7, C20,C21,C23,C26,C27,C28, C29,C30,C31,C32,C33,C34, C38,C39,C40,C41,C42	10nF	0603SMALL		
3	19	C1,C4,C5,C7,C8,C10,C11, C12,C13,C16,C17,C25,C43, C44,C45,C46,C47,C48,C49	100nF	0603SMALL		
4	1	C2	22uF 80V	COND_ELKO_SMD_B		
5	2	C3,C9	15uF	COND_ELKO_SMD_B		
6	3	C6,C14,C18	25uF	COND_ELKO_SMD_B		
7	1	C15	22uF 4V	COND_ELKO_SMD_B		
8	3	C19,C22,C24	1nF	0603SMALL		
9	3	C35,C36,C37	1uF	0603SMALL		
10	11	C50,C52,C53,C56,C58,C59, C61,C64,C65,C68,C69	1uF	0805SMALL		
11	1	C51	100uF 4V			
12	4	C54,C55,C62,C63	470pF	0603SMALL		
13	2	C57,C60	10uF	3216		
14	2	C66,C67	100nF	0805SMALL		
15	1	DREF1	LM385-2.5	SO_8		
16	8	D1,D2,D3,D4,D5,D8,D11, D12	BZX284C5V1			
17	1	D6	ITA6V5B1	SO_8		
18	4	L1,D7,D19,D20	?			
19	3	D9,D10,D23	BAV721A			
20	6	D13,D14,D15,D16,D28,D29	SMCJ15			
21	2	D17,D18	BAV70			
22	6	D21,D22,D24,D25,D26,D27	BAV99	SOT23_BAV99		
23	2	F2,F1	FUSE			
24	13	ISO1,ISO2,ISO3,ISO4,ISO5,	TLP131	OPTO_5PIN		

	ISO6,ISO7,ISO8,ISO9, ISO10,ISO11,ISO12,ISO13		
25	1 JP1	HEADER 16	
26	2 JP2,JP4	SSM-136	
27	1 JP3	HEADER 26	
28	1 JP5	HEADER 1	
29	1 JP6	5X2p. MALE 1,27	HEADER_5X2_127
30	5 JP7,JP8,JP9,JP10,JP11	HEADER 2	
31	1 JP12	HEADER 3	
32	1 JP13	HEADER 4	
33	2 L3,L2	INDUCTOR	
34	2 L4,L5	BLM4IPG600SN1L	
35	8 Q1,Q2,Q3,Q4,Q14,Q15,Q16, Q17	FDV303N	SOT23_FET
36	2 Q6,Q5	FDV301N	SOT23_FET
37	5 Q7,Q10,Q11,Q12,Q13	FDV304P	SOT23_FET
38	2 Q8,Q9	IRLR024N	SOT23_FET
39	1 Q18	?	SOT23_FET
40	1 RNS1	RETE 10K	R_NET_CAT
41	1 RNS2	NET 1K	R_NET_CAT
42	9 R1,R4,R11,R16,R25,R34, R37,R40,R42		470 0603SMALL
43	8 R2,R5,R12,R17,R26,R35, R38,R41	1K 2512	2512mil
44	23 R3,R14,R15,R24,R33,R36, R66,R71,R75,R79,R91,R92, R96,R100,R108,R110,R113, R114,R118,R119,R120,R168, R169	100K	0603SMALL
45	2 R6,R8	39 1206	0603SMALL
46	2 R9,R7	390 1206	0603SMALL
47	35 R10,R48,R54,R72,R107, R111,R112,R121,R123,R125, R126,R133,R134,R139,R140, R141,R142,R143,R144,R145, R146,R147,R148,R149,R150,	10K	0603SMALL

	R151,R152,R153,R156,R157, R158,R159,R170,R171,R172		
48	3 R13,R160,R164	39K	0603SMALL
49	6 R18,R19,R20,R21,R22,R23	100 1206	0603SMALL
50	6 R27,R28,R29,R30,R31,R32	FUSE ML 2,5/3,5	
51	2 R70,R39	47K	0603SMALL
52	1 R43	100 1206	2512mil
53	1 R44	FUSE ML 56/40	
54	2 R45,R60	0R001 3W	RES_3W_SMD
55	2 R46,R57	3K3	0603SMALL
56	4 R47,R53,R67,R173	4K7	0603SMALL
57	2 R49,R59	82K	0603SMALL
58	2 R50,R58	0R005 3W	R_4PINS
59	2 R51,R55	8K2	0603SMALL
60	3 R52,R56,R73	1K	0603SMALL
61	6 R61,R64,R161,R163,R165, R167	N.M.	0603SMALL
62	1 R62	0R001 3W	R_4PINS
63	1 R63	4R7	0603SMALL
64	6 R65,R80,R154,R155,R162, R166	22K	0603SMALL
65	4 R68,R81,R88,R104	15K	0603SMALL
66	5 R69,R86,R89,R105,R117	470K	0603SMALL
67	4 R74,R77,R95,R98	1M	0603SMALL
68	2 R76,R97		100 0603SMALL
69	4 R78,R90,R106,R115	750K 0.1%	0603SMALL
70	4 R82,R83,R84,R85	1K 0.1%	0603SMALL
71	4 R87,R99,R109,R122	100K 0.1%	0603SMALL
72	6 R93,R103,R124,R135,R136, R137	10K 0.1%	0603SMALL
73	1 R94	220K 0.1%	0603SMALL
74	1 R101	220K	0603SMALL
75	1 R102	270K	0603SMALL
76	1 R116	27K	0603SMALL
77	3 R127,R129,R131	2K7	0603SMALL
78	3 R128,R130,R132	33K	0603SMALL

79	1 R138		0 0603SMALL
80	1 U1	MAX7301	
81	2 U2,U5	74LVC14APW	TSSOP_14
82	1 U3	LTC1480IS8	SOIC8
83	1 U4	EPM3128	TQFP100
84	1 U6	VICOR_FIAM	
85	2 U11,U7	QPO-1	
86	2 U8,U12	VICOR_48/12_MICRO	
87	2 U9,U13	VICOR_48/12_MINI	
88	3 U10,U14,U16	VICOR_uRAM	
89	1 U15	VICOR_48/33_MINI	
90	1 U17	LMC7101	
91	2 U18,U19	LMC6484IN	
92	1 U20	LMV339	
93	2 U21,U27	LMC7101-5	SOT23_5
94	5 U22,U23,U24,U25,U26	MAX4172	
95	1 U28	MAX860	
96	1 U29	OPA2137	
97	3 U30,U31,U32	AD7927	
98	2 U34,U33	AD5233	
99	2 U35,U36	MAX1969	
100	2 U38,U37	DC-DC LME1212S	4SIP100
101	2 U39,U40	DC-DC 15W	DC_DC_15W
102	1 XA1	?	QUARZO_12M_TAI TIEN