

Linear Technology Corporation

PoE+PSE Mother Board

Bill Of Materials

Demo Bd. #1680A

QTY- 225

2/24/2011

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty	Pkg Qty	Balance
				NUMBER OF BOARDS =	225		PbF Ass
1	2	P1,P2	JACK BANANA	KEYSTONE, 575-4	450	500	50
2	1	C1	CAP., Alum., 47uF, 100V H13 size	Panasonic, EEEFK2A470AQ	225	400	175
3	3	C2,C13,C14	CAP., X7R, 0.1uF 25V, 10% 0603	AVX, 06033C104KAT2A	675	1200	525
4	3	C3,C11,C12	CAP., X7R, 1uF 16V, 10% 0603	TDK, C1608X7R1C105K	675	2200	1525
5	1	C4	CAP., X7R, 0.01uF 50V, 10% 0603	AVX, 06035C103KAT2A	225	1000	775
6	1	C5	CAP., X5R, 10uF, 16V, 10% 0805	AVX, 0805YD106KAT2A	225	500	275
7	1	C6-C9	CAP., X7R, 1nF, 2KV, 10% 1808	TDK, C4520X7R3D102K	225	800	575
8	1	C10	CAP., X7R, 1uF, 100V, 10% 1210	AVX, 12101C105KAT2A	225	600	375
9	1	CLD1	Current Limiting Diode, 3.2V SOD-80	Central Semi. Corp. CCLM3500 TR	225	325	100
10	1	D1	ZENER DIODE, , 6.2V, SOD-123	On Semi., MMSZ4691T1G	225	400	175
11	3	D2,D3,D4	DIODES., S5BC SMC	DIODES., S5BC-13-F	675	900	225
12	1	D5	Voltage Suppressors, 1.5SMC62A SMC	VISHAY, 1.5SMC62A	225	400	175
13	24	D6-D29	RECTIFIERS,S1B, 100V, SMA	FAIRCHILD, S1B	5400	5400	0
14	1	D31	ZENER DIODE, DDZ9688, 4.7V, SOD-123	DIODES., DDZ9688-7	225	3000	2775
15	2	F1,F2	FUSE, 10A, 154 SERIES	Littlefuse, 0154010	450	450	0
16	17	E1-E17	TESTPOINT, TURRET, .061" pbf	MILL-MAX, 2308-2-00-80-00-00-07-0	3825	4000	175
17	10	E18-E27	TESTPOINT, TURRET, .094" pbf	MILL-MAX, 2501-2-00-80-00-00-07-0	2250	3000	750
18	1	J1	CONNECTOR, 2MM BOX SOCKET, 34 PIN	SAMTEC, MMS-134-02-T-SV	225	250	25
19	1	PK	Connector Porization PIN-J1 PIN 12	SAMTEC, PK-01-07	225		
20	0	J2 (OPT.)	HEADER, POWER,		0	0	0
21	1	J3	CONNECTOR, SS-73100-046 RJ45	Bel Stewart , SS-73100-046	225	230	5
22	1	J4	INTEGRATED CONNECTOR MODULES	TYCO, 1840374-1	225	10	-215
				Bel Stewart , 0854-2X6R-AH (alternate)	0	3	3
				Delta, 12M0350-R (alternate)	0	0	0
23	2	J5,J6	CONNECTOR, HD2X7-079	MOLEX, 87831-1420	450	480	30
24	13	LED1-LED13	LED, GREEN	Panasonic, LN1351C-(TR)	2925	3000	75
25	1	LED14	LED, RED	Panasonic, LN1251C-(TR)	225	1000	775

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26	1	LED15	LED, AMBER	Panasonic, LN1451C-(TR)	225	2500	2275
27	12	Q1-Q12	Mosfet, P-CH, 30V Si2343CDS	VISHAY, Si2343CDS	2700	3300	600
28	2	Q13,Q14	PNP Transistor, ZXTP19100CG, SOT-223	DIODES/ZETEX, ZXTP19100CGTA	450	600	150
29	3	REP1,REP2,R6	RES., CHIP, 5.1K, 1/16W, 5%, 0603	AAC, CR16-5101FM	675	1125	450
30	12	RD1-RD12	RES., CHIP, 2M, 1/16W, 5%, 0603	VISHAY, CRCW06032M00JNEA	2700	3000	300
31	12	RE1-RE12	RES., CHIP, 10M, 1/16W, 5%, 0603	YAGEO, RC0603FR-0710ML	2700	4850	2150
32	13	RL1-RL12,R7	RES., CHIP, 1.5K, 1/16W, 5%, 0603	AAC, CR16-152JM	2925	3400	475
33	2	R1,R2	RES., CHIP, 470, 1/16W, 5%, 0603	VISHAY, CRCW0603470RJNEA	450	1100	650
34	0	R3,R4,R16,R17(OPT.)	RES., 0603		0	0	0
35	1	R5	RES., CHIP, 100K, 1/8W, 5%, 0805	VISHAY, CRCW0603100KJNEA	225	400	175
36	8	R8-R15	RES., CHIP, 3.9K, 1/4W, 5%, 1206	VISHAY, CRCW12063K90JNEA	1800	2000	200
37	2	R18,R19	RES., CHIP, 0, 1/16W, 0603	VISHAY, CRCW06030000Z0EA	450	600	150
38	2	R20,R21	RES., CHIP, 1 K, 1/8W, 5%, 0805	AAC, CR10-102JM	450	700	250
39	2	SW1,SW2	SWITCH, PUSH BOTTOM	Panasonic, EVQPE104K(IN STOCK 500	450	600	150
40	1	SW3	SWITCH, 219-3MST	CTS Electronic Components, 219-3MST	225	300	75
41	1	U4	IC., 24LC025, TSSOP-8	MICROCHIP, 24LC025 I /ST	225	275	50
42	1	U5	IC., LT1761ES5-3.3, SOT23-5	LINEAR, LT1761ES5-3.3#TR	225	300	75
43	2		Stencil TOP & BOTTOM	STENCIL DC1680A	2		-2
44	5	MH1-MH5	STAND-OFF, NYLON 0.75"	KEYSTONE, 8834(SNAP ON)	1125	1100	-25