

# Linear Technology Corporation

ENG: CLARENCE M. (25-30)

## BILL OF MATERIALS

DC1350A-1-GENERAL BOM

QTY- 150

4/21/2008 8:45 AM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>150</b>
1	18	C1,C2,C3,C13,C15,C19,C20,C22,C25,C26, C28,C29,C30,C31,C32,C33,C38,C39	CAP., X5R, 0.1uF, 10V, 10% 0402	AVX, 0402ZD104KAT	2700
2	7	C4,C5,C14,C23,C27,C35,C37	CAP., X5R, 1.0uF, 10V, 10% 0402	AVX, 0402ZD105KAT2A	1050
3	2	C6,C7	CAP., X5R, 10uF, 6.3V, 20% 0603	TDK, C1608X5R0J106M	300
4	1	C8	CAP., NPO, 8.2pF, 50V, 5% 0402	AVX, 04025A8R2JAT	150
5	3	C9,C12,C24	CAP., X5R, 2.2uF, 6.3V, 20% 0603	AVX, 06036D225MAT	450
6	0	C10,C11	CAP., X7R, 0.1uF, 16V, 10% 0603	OPT	0
7	0	C16	CAP., X7R, 0.01uF, 25V, 10% 0402	OPT	0
8	2	C17,C18	CAP., NPO, 12pF, 50V, 5% 0402	AVX, 04025A120JAT	300
9	4	C21,C36,C41,C42	CAP., X7R, 0.01uF, 25V, 10% 0402	AVX, 04023C103KAT2A	600
10	1	C40	CAP., NPO, 4.7pF, 50V, 5% 0402	AVX, 04025A4R7JAT	150
11	4	E1,E2,E3,E4	TESTPOINT, TURRET, .064"	MILL-MAX, 2308-2-00-80	600
12	0	JP1	JMP, HD1X3-079	OPT	0
13	0		SHUNT,	OPT	0
14	3	J1,J2,J3	CON., SMA 50-OHM EDGE-LANCH	E.F.JOHNSON, 142-0701-851	450
15	1	J4	CON, HDR, .1 X .1 CNTRS, 40PIN	SAMTEC, TSW-120-07-L-D	150
16	1	L1	FERRITE BEAD, 47 OHMS, 0603	MURATA, BLM18BB470SN1	150
17	2	RIN+,RIN-	RES., CHIP, 12, 1/16W, 5% 0402	YAGEO, RC0402JR-0712RL	300
18	2	R1,R3	RES., CHIP, 24.9, 1/16W, 1% 0402	YAGEO, RC0402FR-0724R9L	300
19	4	R2,R8,R31,R36	RES., CHIP, 49.9, 1/16W, 1% 0402	YAGEO, RC0402FR-0749R9L	600
20	4	R6,R7,R28,R29	RES., CHIP, 10, 1/16W, 5% 0402	YAGEO, RC0402JR-0710RL	600
21	5	R9,R15,R32,R33,R34	RES., CHIP, 10K, 1/16W, 5% 0402	YAGEO, RC0402JR-0710KL	750
22	0	R12	RES., CHIP, 49.9, 1/16W, 1% 0402	OPT	0
23	0	R13,R21	RES., CHIP, 402, 1/16W, 1% 0402	OPT	0
24	0	R14,R18,R19,R20	RES., CHIP, 0402	OPT	0
25	0	R22,R16	RES., CHIP, 57.6, 1/16W, 1% 0402	OPT	0
26	0	R17	RES., CHIP, 10, 1/16W, 5% 0402	OPT	0
27	0	R23,R24	RES., CHIP, 27, 1/16W, 5% 0402	OPT	0
28	0	R25	RES., CHIP, 2.2, 1/16W, 1% 0402	OPT	0
29	2	R26,R30	RES., CHIP, 1K, 1/16W, 5% 0402	YAGEO, RC0402JR-071KL	300
30	1	R27	RES., CHIP, 3.3, 1/16W, 5% 0402	YAGEO, RC0402JR-073R3L	150
31	1	R35	RES., CHIP, 120, 1/16W, 5% 0402	YAGEO, RC0402JR-07120RL	150
32	1	T1	XFMR, 1:1, ETC1-1TTR, TRANS-MACOM-SM22	M/A-COM, MABAE0060	150

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DC1350A-1-GENERAL BOM

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33	2	U2,U3	I.C., FXLH42245, DQFN24	FAIRCHILD SEMI., FXLH42245	300
34	1	U4	I.C., LT1761ES5-3.3, SOT23-5	LINEAR TECH., LT1761ES5-3.3	150
35	1	U5	I.C., LT1761ES5-1.8, SOT23-5	LINEAR TECH., LT1761ES5-1.8	150
36	1	U6	I.C., LT6600CS8-20, SO8	LINEAR TECH., LT6600CS8-20	150
37	1	U7	I.C., NL27WZ86, US8	ON SEMI., NL27WZ86USG	150
38	2	U8,U9	I.C., NC7SU04M5X, SOT23-5	FAIRCHILD SEMI., NC7SU04M5X	300
39	1	U10	I.C., 24LC025-I /ST, TSSOP-8	MICROCHIP, 24LC025-I/ST	150
40	4		STAND-OFF, NYLON 0.25" tall	KEYSTONE, 8831 (SNAP ON)	600
41	2		STENCILS FOR BOTH SIDES 20X20	DC1350A	2

**Linear Technology Corporation**

**LTC2246HLX**

ENG: CLARENCE M. (25-30)

**BILL OF MATERIALS**

DC1350A-1-A

**QTY- 75**

4/21/2008 8:45 AM

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacture / Part #</i>	<i>Kit Qty</i>
				<b>NUMBER OF BOARDS =</b>	<b>75</b>
1	1	DC1350A-1	GENERAL BOM		1
2	1	U1	I.C., LTC2246HLX, LQFP48LX	LINEAR TECH., LTC2246HLX	75

**Linear Technology Corporation**

**LTC2226HLX**

ENG: CLARENCE M. (25-30)

**BILL OF MATERIALS**

DC1350A-1-B

QTY- 75

4/21/2008 8:45 AM

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacture / Part #</i>	<i>Kit Qty</i>
				<b>NUMBER OF BOARDS =</b>	<b>75</b>
1	1	DC1350A-1	GENERAL BOM		1
2	1	U1	I.C., LTC2226HLX, LQFP48LX	LINEAR TECH., LTC2226HLX	75