

# Linear Technology Corporation

LTC3535EDD

DUAL 550mA SYNCHRONOUS BOOST CONVERTER

ENG: FRAN HOFFART (23-30)

**BILL OF MATERIALS**

**DC1483A**

**QTY- 275**

11/18/2008 3:50 PM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>275</b>
1	0	C1,C3	CAP., 3528	TBD	0
2	2	C2,C4	CAP., X7R, 2.2UF 16V,0805	TDK, C2012X7R1C225M	550
3	2	C5,C8	CAP, X5R, 10uF 10V,0805	TDK, C2012X5R1A106M	550
4	2	C6,C9	CAP, X7R, 1uF 16V,0603	TDK, C1608X7R1C105M	550
5	2	C7,C10	CAP., NP0, 33PF 50V,0402	AVX, 04025A330JAT	550
6	0	D1,D2 OPT	DIODE, SCHOTTKY,1A/20V,POWERMITE	ON SEMI., MBRM120LTG1	0
7	10	E1-E10	TP, TURRET, 0.094",	MILL-MAX, 2501-2-00-80-00-00-07-0	2750
8	3	JP1,JP2,JP3	JMP, 1X3, 0.079"	SAMTEC, TMM-103-02-L-S	825
9	2	JP5,JP4	JMP, 2X3, 0.079"	SAMTEC, TMM-103-02-D-S	550
10	5	SHUNTS AS SHOWN ON ASSY DWG	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	1375
11	2	L1,L2	IND., 4.7UH, L-CDRH2D18/HP	SUMIDA, CDRH2D18/HP-4R7NC	550
12	1	R1	RES., 750K 1/16W 1%,0402	VISHAY, CRCW0402750KFKEA	275
13	1	R2	RES., 130K 1/16W 1%,0402	VISHAY, CRCW0402130KFKEA	275
14	1	R3	RES., 715K 1/16W 1%,0402	VISHAY, CRCW0402715KFKEA	275
15	2	R4,R8	RES., 499K 1/16W 1%,0402	VISHAY, CRCW0402499KFKEA	550
16	1	R5	RES., 255K 1/16W 1%,0402	VISHAY, CRCW0402255KFKEA	275
17	1	R6	RES., 432K 1/16W 1%,0402	VISHAY, CRCW0402432KFKEA	275
18	1	R7	RES., 191K 1/16W 1%,0402	VISHAY, CRCW0402191KFKEA	275
19	1	U1	IC., LTC3535EDD, DFN12DD	LINEAR TECH., LTC3535EDD	275
20	1	STENCIL TOP SIDE ONLY		STENCIL 1483A	1