

Linear Technology Corporation

LTC3530EDD

MICROPOWER SYNCHRONOUS BUCK-BOOST DC/DC CONVERTER

ENG: DAVID CANNY (23-30)

BILL OF MATERIALS

DC938A-1

QTY-325

6/21/2007

2:13 PM

Item	Qty	Reference	Part Description	ManUfactUre / Part #	Kit Qty
				NUMBER OF BOARDS =	325
1	1	CFF	CAP., NPO, 33PF, 50V, 10%, 0402	AVX, 04025A330KAT2A	325
2	1	CIN	CAP., X5R, 10UF 6.3V, 20%, 0603	TDK, C1608X5R0J106M	325
3	1	COUT	CAP., X5R, 22UF, 6.3V, 20% 0805	TAIYO YUDEN, JMK212BJ226MG	325
4	1	CP	CAP., X7R, 560PF, 50V, 10%, 0402	AVX, 04025C561KAT2A	325
5	2	C4,CSS	CAP., X7R, 0.01UF, 25V, 10% 0402	AVX, 04023C103KAT2A	650
6	0	C1,C6	CAP, 0402	OPT	0
7	1	C2	CAP., TANT, 47UF, 10V, 20%, 3528	AVX, TAJB476M010	325
8	1	C3	CAP., X5R, 1UF, 6.3V, 20%, 0603	AVX, 06036D105MAT2A	325
9	0	D1,D2,D3	DIODE, SCHOTTKY, LOW VF, SOD323	PHILIPS, PMEG2010EA OPT	0
10	4	E1,E2,E3,E4	TESTPOINT, TURRET, .094"	MILL-MAX, 2501-2	1300
11	1	JP1	JMP, 3PIN 1 ROW .079CC	SAMTEC, TMM-103-02-L-S	325
12	1	JP2	JMP, 4PIN 1 ROW .079CC	SAMTEC, TMM-104-02-L-S	325
13	2	SHUNTS FOR JP1 & JP2 PIN 1&2	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	650
14	1	L1	IND, 4.7UH	SUMIDA, CDRH3D28-4R7	325
15	1	RFF	RES., CHIP, 15K, 1/16W, 5% 0402	AAC, CR05-153JM	325
16	1	RSS	RES., CHIP, 1MEG, 1/16W, 5% 0402	VISHAY, CRCW04021M00J	325
17	1	RT	RES., CHIP, 33.2K, 1/16W, 1% 0402	AAC, CR05-3322FM	325
18	1	RZ	RES., CHIP, 10K, 1/16W, 5% 0402	AAC, CR05-103JM	325
19	0	R1	RES., CHIP,0402	OPT	0
20	1	R2	RES., CHIP, 1M, 1/16W, 5%, 0402	AAC, CR05-105JM	325
21	1	R3	RES., CHIP, 576K, 1/16W, 1%, 0402	AAC, CR05-5763FM	325
22	1	R4	RES., CHIP, 100K, 1/16W, 1%, 0402	AAC, CR05-1003FM	325
23	1	U1	IC., LTC3530EDD, DFN10DD	LINEAR TECH., LTC3530EDD	325
24	4	STAND-OFFS ON BOTTOM SIDE	STAND-OFF, NYLON (SNAP ON), 0.50" TALL	KEYSTONE, 8833(SNAP ON)	1300
25	2		STENCIL FOR BOTH SIDES	DC938A	2