

# Linear Technology Corporation

## LTC3440EDD

1MHz SYNCHRONOUS BUCK-BOOST IN 3mm X 3mm DFN

ENG.: DONGYAN ZHOU (23-30)

## BILL OF MATERIALS

DC797A-1

QTY-225

8/25/2004

3:00 PM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>225</b>
1	1	C1	CAP., X5R, 10UF 6.3V,20%,1206	TAIYO YUDEN, JMK316BJ106ML	225
2	1	C2	CAP., X5R, 22UF 6.3V,1210	TAIYO YUDEN, JMK325BJ226MM	225
3	1	C3	CAP., X7R, 180PF 50V,0402	AVX, 04025C181MAT1A	225
4	1	C4	CAP., X7R, 560PF 50V,0402	AVX, 04025C561MAT1A	225
5	1	C5	CAP., NPO, 10PF 50V,0402	AVX, 04025A100KAT1A	225
6	1	C6	CAP., X5R, 0.047UF 10V	AVX, 0402ZD473MAT1A	225
7	1	C7	CAP., X5R 1UF 6.3V,20%,0603	TAIYO YUDEN, JMK107BJ105MA	225
8	1	C8	CAP., TANT, 47UF 10V, 3528	AVX, TAJB476M010	225
9	2	D1,D2	DIODE, SCHOTTKY,SOD323	PHILIPS, PMEG2010EA	450
10	1	D3	DIODE, SCHOTTKY,POWERMITE	ON SEMI, MBRM120ET3	225
11	5	E1,E2,E3,E4,E5	TP, TURRET, .094"	MILL-MAX, 2501-2	1125
12	2	JP1,JP2	HEADER, 3PIN 1 ROW .079CC	COMM-CON, 2802S-03-G1	450
13	2	SHUNTS FOR JP1&JP2 PIN 2&3	SHUNT, 0.079" CENTER	COMM-CON, CCIJ2MM-138G	450
14	1	L1	IND, 10UH, L-CDRH4D28C	SUMIDA, CDRH4D28C/100	225
15	1	R1	RES, CHIP 340K, 1%,0402	AAC, CR05-3403FM	225
16	1	R2	RES, CHIP 200K, 1%,0402	AAC, CR05-2003FM	225
17	1	R3	RES, CHIP 15K, 5%,0402	AAC, CR05-153JM	225
18	1	R4	RES, CHIP 1M, 5%,0402	AAC, CR05-106JM	225
19	1	R5	RES, CHIP 2.2K, 5%,0402	AAC, CR05-222JM	225
20	1	R6	RES, CHIP 60.4K, 1%,0402	AAC, CR05-6042FM	225
21	1	R7	RES, CHIP 4.87M, 1%,0402	AAC, CR05-4874FM	225
22	1	R8	RES, CHIP 6.19M, 1%,0402	AAC, CR05-6194FM	225
23	1	U1	IC, LTC3440EDD, 10-LEAD DFN3X3, DFN10DD	LINEAR TECH. LTC3440EDD	225