

Linear Technology Corporation

LTC3776EUF ENG: CHARLIE ZHAO
2-PHASE DUAL STEP-DOWN CONVERTER
FOR DDR/QDR MEMORY TERMINATION

BILL OF MATERIALS

DC829A

QTY- 225

1/20/2005 3:09 PM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	225
1	1	C1	CAP., X5R, 22uF 10V, 1210	TDK, C3225X5R1A226MT	225
2	0	C2	CAP., X5R, 22uF 10V, 1210 OPT		0
3	1	C3	CAP., X5R, 1uF 10V, 0603	TDK, C1608X5R1A105MT	225
4	2	C4,C5	CAP., X5R, 47uF 6.3V, 1210	TDK, C3225X5R0J476MT	450
5	0	C9,C6	CAP., POSCAP, 150uF, 4V,6032 OPT	SANYO, 4TPB150MC	0
6	4	C7,C8,C17,C18	CAP., X7R, 10uF 10V, 1206	TDK, C3216X7R1A106MT	900
7	1	C10	CAP., X7R, 0.01uF 25V,0402	AVX, 04023C103KAT	225
8	1	C11	CAP., X7R, 470pF 50V,0402	AVX, 04025C471MAT	225
9	1	C12	CAP., NPO, 100pF 50V,0402	AVX, 04025A101JAT	225
10	1	C13	CAP., X7R, 330pF 50V,0402	AVX, 04025C331KAT	225
11	1	C14	CAP., X7R, 2200pF 50V,0402	AVX, 04025C222JAT	225
12	0	C15,C16,C19	CAP., 0402 OPT		0
13	0	D1,D2,D3	DIODE, 3A 20V, SMA-DIODE OPT	DIODES INC., B320A	0
14	6	E1-E6	TP, TURRET, 0.094"	MILL-MAX 2501-2	1350
15	7	E7-E13	TP, TURRET, 0.064"	MILL-MAX, 2308-2	1575
16	1	JP1	HEADER, 2X3PIN, 0.079CC	COMM CON, 2202S-06G2	225
17	1	SHUNT FOR JP1(PIN 1&2)	SHUNT, .079" CENTER	COMM-CON CCIJ2MM-138G	225
18	2	L2,L1	INDUCTOR, 1.5uH	VISHAY, IHLP-2525CZ-01-1.5	450
19	2	Q2,Q1	MOSFET,DUAL P&N-CH, 12-V (D-S),SO8-POWERPAK	VISHAY, Si7540DP	450
20	0	Q3,Q4	MOSFET,P-CH, 12-V (D-S),TSOP6 OPT	VISHAY, Si3447BDV	0
21	0	Q5,Q6	MOSFET,N-CH, 20-V (D-S),TSOP6 OPT	VISHAY, Si3460DV	0
22	1	R1	RES., CHIP, 10 1/16W 5%,0402	AAC, CR05-100JM	225
23	1	R2	RES., CHIP, 1M 1/16W 5%,0402	AAC, CR05-105JM	225
24	0	R3	RES., CHIP, 0402 OPT		0
25	1	R4	RES., CHIP, 187K 1/16W 1%,0402	AAC, CR05-1873FM	225
26	2	R5,R12	RES., CHIP, 0 1/16W 5%,0402	AAC, CJ05-000JM	450
27	3	R6,R10,R11	RES., CHIP, 10K 1/16W 5%,0402	AAC, CR05-103JM	675
28	1	R7	RES., CHIP, 59K 1/16W 1%,0402	AAC, CR05-5902FM	225
29	1	R8	RES., CHIP, 15K 1/16W 5%,0402	AAC, CR05-153JM	225
30	1	R9	RES., CHIP, 6.2K 1/16W 5%,0402	AAC, CR05-622JM	225
31	1	U1	I.C., LTC3776EUF,QFN24UF-4X4	LINEAR, LTC3776EUF	225
32	225		FAB, PRINTED CIRCUIT BOARD	DEMO CIRCUIT #663A	50625
33	1		STENCIL	STENCIL 829A	1