

# Linear Technology Corporation

LT1373CS8

**Bill Of Material**  
**Demo Bd. #515A**

10/31/02

Item	Qty	Reference	Part Description	Manufacture / Part #
1	1	C1	CAP., C0G, 33pF, 3KV, 5% 1808	AVX, 1808HA330JAT2A
2	1	C2	CAP., Film, 0.15uF, 50VDC, 5%, D4	Panasonic, ECHU1H154JC9
3	2	C3,C6	CAP., X7R, 0.1uF, 50V, 10%, 0805	AVX, 08055C104KAT2A
4	1	C5	CAP., X5R, 10uF, 25V, 20%, 1812	Taiyo Yuden, TMK432BJ106MM
5	1	C7	CAP., X5R, 2.2uF, 10V, 20%, 0805	Taiyo Yuden, LMK212BJ225MG
6	1	C8	CAP., COG, 220pF 50V 10% 0603	AVX, 06035A221KAT2A
7	1	D1	Schottky Power Rectifier, B140B, SMB	Diodes Inc., B140B-13
8	1	D2	Dual Switching Doide, BAV99, SOT23	Diodes Inc., BAV99
9	1	D7	DIODE, 1N4148WS, SOD-323	Diodes Inc., 1N4148WS
10	1	D5	ZENER, 3.3V, BZT52C3V3, SOD-123	DIODES INC., BZT52C3V3-7
11	6	E1,E3,E4,E5,E6,E7	TURRET,	MILL-MAX, 2308-2-00-44
12	1	L1	INDUCTOR,100uH, D124C	TOKO, 892NCF-101M=P3
13	1	Q1	Dual NPN Transistor, ZDT1048, SM-8	ZETEX, ZDT1048TA
14	1	Q2	TRANSISTOR, MMBT3906, SOT-23	DIODES INC., MMBT3906-7
15	1	R1	RES.,CHIP, 680, 1/4W, 5% 1206	AAC, CR18-681JM
16	1	R2	RES., POT, 10k	BOURNS, 3313J-1-103E
17	1	R3	RES.,CHIP, 10k, 1/16W, 5% 0603	AAC, CR16-103JM
18	0	R11 (OPT.)	RES., CHIP, 0603	
19	1	R4	RES.,CHIP, 301, 1/16W, 1% 0603	AAC, CR16-3010FM
20	1	R5	RES.,CHIP, 5.11K, 1/16W, 1% 0603	AAC, CR16-5111FM
21	1	R6	RES., CHIP, 1M, 1/16W, 5%, 0603	AAC, CR16-105JM
22	1	R7	RES.,CHIP, 100K, 1/16W, 5% 0603	AAC, CR16-104JM
23	1	R8	RES., POT, 50K	BOURNS, 3313J-1-503E
24	1	R9	RES.,CHIP, 274K, 1/16W 5% 0603	AAC, CR16-2743FM
25	1	R10	RES.,CHIP,0 JUMPER, 0805	AAC, CJ10-000M
26	1	R12	RES.,CHIP, 0 JUMPER, 0603	AAC, CJ06-000M
27	1	R13	RES., CHIP, 51K 1/16W, 5% 0603	AAC, CR16-513JM
28	1	T1	Transformer, CTX110607	COOPER, CTX110607
29	1	U1	I.C. LT1373CS8, SO8	LINEAR TECH., LT1373CS8
30	1		PRINTED CIRCUIT BOARD	DEMO CIRCUIT 515A