

# Linear Technology Corporation

LTC4269IDKD-2

Bill Of Materials

Demo Bd. # 1351B

QTY- 150

3/16/2012 1:13 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>150</b>
1	1	C24	CAP., NPO, 100pF 50V, 0603	AVX, 06035A101JAT	150
2	1	C26	CAP., X7R, 2200pF 2KV 1808	AVX, 1808GC222MAT1A	150
3	1	C17	CAP., X7R, 4700pF 50V, 0603	AVX, 06035C472KAT	150
4	1	C20	CAP., X7R, 0.01uF 50V, 0603	AVX, 06035C103KAT2A	150
5	4	C1,C2,C3,C4	CAP., X7R, 0.01uF 200V, 0805	AVX, 08052C103JAT2A	600
6	1	C12	CAP., X7R, 4700pF 250V, 1206	MURATA, GRM31A7U2E472JW31D	150
7	2	C14,C16	CAP., X5R, 0.1uF 25V, 0603	AVX, 06033D104KAT2A	300
8	1	C19	CAP., X7R, 0.22uF 25V, 0603	TAIYO YUDEN, TMK107BJ224KA-T	150
9	1	C7	CAP., X7R, 2.2uF 100V, 1210	MURATA, GRM32ER72A225KA35L	150
10	1	C11	CAP., X5R, 10uF 16V, 1206	MURATA, GRM31CR61C106KA88L	150
11	1	C5	CAP., X7R 1000pF 2KV, 1808	AVX, 1808GC102MAT	150
12	2	C13,C15	CAP., X7R 1000pF 50V, 1206	MURATA, GRM3197U2A102K	300
13	1	C8	CAP., X7R, 0.1uF 100V, 0603	MURATA, GRM188R72A104KA35D	150
14	1	C6	CAP., ELEC., 12uF 100V	SANYO, 100ME12AX+TS	150
15	1	C9	CAP, NEOCAP TANT 220uF, 6.3V	NEC TOKIN, TEPSLVJ0J227M(12)12R	150
16	1	D9	LED, GREEN	PANASONIC, LN1351C-(TR)	150
17	4	D1,D2,D10,D11	DIODE, HIGH-SPEED DIODE	PHILIPS SEMI., BAS516 SOD523	600
18	1	D3	DIODE, VOLTAGE REGULATOR DIODES	PHILIPS SEMI., PDZ18B SOD323	150
19	1	D17	DIODE, VOLTAGE REGULATOR DIODES	PHILIPS SEMI., PDZ36B SOD323	150
20	1	D4	DIODE, 58V 400W TVS, SMB-DIODE	DIODES INC., SMBJ58A-13-F SMB	150
21	9	D5-D8,D12-D16	DIODE, SCHOTTKY, 1.0A, SMA-DIODE	DIODES INC., B1100-13-F SMA	1350
22	2	D18,D19	DIODE, GENERAL PURPOSE RECTIFIERS	FAIRCHILD, S1B-13-F SMA	300
23	1	D21	DIODE, LOW VOLTAGE REGULATOR	ON SEMI., TLV431ASN1T1G SOT23	150
24	12	E1-E12	TURRET, TESTPOINT 0.094"	MILL-MAX, 2501-2-00-80-00-00-07-0	1800
25	0	J1	OPT.	SAMTEC, JMP, 2X3, .079CC, HD2X3-079	0
26	1	J2	CONN, RJ-45 RIGHT ANGLE, RJ45	STEWART CONN. SYS.,SS-6488-NF-K1	150
27	1	L1	IND., 1mH DO1608C	COILCRAFT, DO1608C-105MLC	150
28	1	L2	IND., 10uH DO1608C	COILCRAFT, DO1608C-103MLC	150
29	1	L3	IND., 6.8uH, PG0702.682NL	PULSE, PG0702.682NL	150
30	1	Q2	MOSFET, SMPS MOSFET	IR, IRF6217TRPBF SO8	150
31	1	Q3	MOSFET, N-CH, 150-V, FDS2582	FAIRCHILD, FDS2582 SO8	150
32	2	Q4,Q5	MOSFET, N-CH, 30-V, FDS8880	FAIRCHILD, FDS8880 SO8	300
33	1	Q6	TRANSISTOR, PNP SILICON	ON SEMI., BSS63LT1G SOT-23	150
34	1	Q7	TRANSISTOR, PNP SILICON	INFINEON, BC857BF TSFP-3	150
35	1	R16	RES., CHIP, 0.050 1/8W, 1% 1206	IRC, LRC-LR1206LF-01-R050-F	150

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				<b>NUMBER OF BOARDS =</b>	<b>150</b>
36	1	R12	RES., CHIP, 5.1, 1/10W, 5%, 0805	VISHAY, CRCW08055R10JNEA	150
37	1	R36	RES., CHIP, 30.9, 1/16W, 1%, 0603	VISHAY, CRCW060330R9FKEA	150
38	4	R1,R2,R4,R5	RES., CHIP, 75, 1/16W, 5%, 0603	VISHAY, CRCW060375R0JNEA	600
39	1	R14	RES., CHIP, 133, 1/16W, 1%, 0603	VISHAY, CRCW0603133RFKEA	150
40	1	R8	RES., CHIP, 620, 1/16W, 5%, 0603	VISHAY, CRCW0603620RJNEA	150
41	1	R28	RES., CHIP, 0, JUMPER, 0603	VISHAY, CRCW06030000Z0EA	150
42	1	R31	RES., CHIP, 1.2K, 1/16W, 5%, 0603	VISHAY, CRCW06031K20JNEA	150
43	1	R23	RES., CHIP, 1.5K, 1/16W, 5%, 0603	VISHAY, CRCW06031K50JNEA	150
56	1	R19	RES., CHIP, 2K, 1/16W, 5%, 0603	VISHAY, CRCW06032K00JNEA	150
45	1	R33	RES., CHIP, 3.65K, 1/16W, 1%, 0603	VISHAY, CRCW06033K65FKEA	150
46	1	R24	RES., CHIP, 107K, 1/16W, 1%, 0603	VISHAY, CRCW0603107KFKEA	150
47	1	R15	RES., CHIP, 10K, 1/16W, 5%, 0603	VISHAY, CRCW060310K0JNEA	150
48	1	R37	RES., CHIP, 24K, 1/16W, 5%, 0603	VISHAY, CRCW060324K0JNEA	150
49	1	R20	RES., CHIP, 11.3K, 1/16W, 1%, 0603	VISHAY, CRCW060311K3FKEA	150
50	1	R22	RES., CHIP, 22.1K, 1/16W, 1%, 0603	VISHAY, CRCW060322K1FKEA	150
51	1	R26	RES., CHIP, 33K, 1/16W, 5%, 0603	VISHAY, CRCW060333K0JNEA	150
52	1	R27	RES., CHIP, 22K, 1/16W, 5%, 0603	VISHAY, CRCW060322K0JNEA	150
53	1	R34	RES., CHIP, 82K, 1/16W, 5%, 0603	VISHAY, CRCW060382K0JNEA	150
54	1	R38	RES., CHIP, 10, 1/16W, 1%, 0603	VISHAY, CRCW060310R0FKEA	150
55	2	R18,R32	RES., CHIP, 10K, 1/16W, 1%, 0603	VISHAY, CRCW060310K0FKEA	300
56	2	R21,R25	RES., CHIP, 158K, 1/16W, 1%, 0603	VISHAY, CRCW0603158KFKEA	300
57	1	R29	RES., CHIP, 332K, 1/16W, 5%, 0603	VISHAY, CRCW0603332KJNEA	150
58	1	R17	RES., CHIP, 237K, 1/16W, 1%, 0603	VISHAY, CRCW0603237KFKEA	150
59	1	R48	RES., CHIP, 51K, 1/10W, 5%, 0805	VISHAY, CRCW080551K0JNEA	150
60	1	R49	RES., CHIP, 20K, 1/16W, 5%, 0603	VISHAY, CRCW060320K0JNEA	150
61	1	R3	RES., CHIP, 33K, 1/8W, 5%, 1206	VISHAY, CRCW120633K0JNEA	150
62	2	R10,R13	RES., CHIP, 5.1, 1/8W, 5%, 1206	VISHAY, CRCW12065R10JNEA	300
63	1	T1	TRANSFORMER, POE PLUS, ETH1-230LD	COILCRAFT, ETH1-230LD	150
64	1	T2	TRANSFORMER, 100mH MIN, 250KHz	PULSE, PA2431NL	150
65	1	U1	I.C., SINGLE OUTPUT, HIGH EFFICIENCY POE	LINEAR TECH., LTC4269IDKD-2 DFN32	150
66	2	U2,U3	I.C.,OPTOISOLATOR 1CH TRANS OUT 4SSOP	NEC, PS2801-1-F3-L-A	300
67	4	MH1-MH4	STAND-OFF, NYLON (SNAP ON), 0.625" TALL	KEYSTONE, 8834	600
68	2		STENCILS FOR BOTH SIDES	DC1351B-1	2