

Linear Technology Corporation

LTC4226CUD-1/2
GENERAL BOM (A,B)

Bill Of Materials
Demo Bd. #1627A-3
QTY- 325
4/12/2013 4:36 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	325
1	4	COUT1,C1,COUT2,C8	CAP., X7R, 10uF 50V, 10%, 1210	MURATA, GRM32ER71H106KA12L	1300
2	2	CT1,CT2	CAP., X7R, 15nF, 50V 10%, 0603	AVX, 06035C153KAT2A	650
3	2	C2,C9	CAP., X7R, 0.1uF 10% 10V, 0603	AVX, 0603ZC104KAT	650
4	2	C3,C12	CAP., X7R, 0.047uF 10% 10V, 0603	AVX, 0603ZC473KAT2A	650
5	0	C4,C5,C10,C11	CAP., 0603	OPT	0
6	1	C6	CAP., X7R, 47nF, 50V 5%, 0603	AVX, 06035C473KAT2A	325
7	1	C7	CAP., X7R, 82nF, 50V 10%, 0603	AVX, 06035C823KAT2A	325
8	1	D2	DIODE ZENER, 1.8V 500mW, 5%, SOD123	CENTRAL SEMI., CMHZ4701	325
9	2	D3,D15	LED, GREEN	PANASONIC, LN1351C-(TR)	650
10	4	D4,D6,D8,D10	DIODE, FAST SWITCHING, SOD523	DIODES INC., 1N4448HWT	1300
11	2	D5,D12	DIODE ZENER, 1.8V 500mW, 5%, SOD123	CENTRAL SEMI., CMHZ4683	650
12	2	D7,D9	LED, RED, 0603	VISHAY, TLMS1001-GS08	650
13	1	D13	DIODE ZENER, 1.8V 500mW, 5%, SOD123	CENTRAL SEMI., CMHZ4690	325
14	15	E3-E8,E11,E17-E23,E26	TP, TURRET, .064"	MILL-MAX, 2308-2-00-80-00-00-07-0	4875
15	14	E1,E13-E16,E24,E25,E27-E33	TP, TURRET, .094"	MILL-MAX, 2501-2-00-80-00-00-07-0	4550
16	1	JP1	JMP, 4PIN, 2mm	SAMTEC, TMM-104-02-L-S	325
17	1	JP2	JMP, 3PIN, 2mm	SAMTEC, TMM-103-02-L-S	325
18	8	J1,J2,J3,J4,J5,J6,J7,J8	JACK, BANANA	KEYSTONE, 575-4	2600
19	2	Q1,Q3	MOSFET, N-CH, POWER56	FACHILD SEMI., FDMS86500DC	650
20	0	Q2,Q4	MOSFET, N-CH, SO8-POWERPAK	OPT	0
21	2	Q5,Q6	MOSFET, N-CH, 40V(D-S), SOT23	VISHAY, Si2318CDS	650
22	0	R1,R21	RES, 1K OHMS, 0805	OPT	0
23	1	R2	RES, 0.005 OHMS, 1% 1/4W, 1206	VISHAY, WSL12065L000FEA (2rls)	325
24	2	R3,R19	RES, 30.1K OHMS, 5% 1/10W, 0603	VISHAY, CRCW060330K1JKEA	650
25	0	R4,R14,R23,R28	RES, 0603	OPT	0
26	1	R5	RES, 46.4K OHMS, 1% 1/10W, 0603	VISHAY, CRCW060346K4FKEA	325
27	1	R6	RES, 5.6K OHMS, 5% 1/10W, 0603	VISHAY, CRCW06035K60JKEA	325
28	4	R7,R17,R25,R38	RES, 10 OHMS, 5% 1/10W, 0603	VISHAY, CRCW060310R0JNEA	1300
29	1	R8	RES, 3.3K OHMS, 5% 1/10W, 0603	VISHAY, CRCW06033K30JKEA	325
30	0	R9,R11,R27,R30	RES, 10 OHMS, 0603	OPT	0
31	2	R10,R29	RES, 23.2K OHMS, 1% 1/10W, 0603	VISHAY, CRCW060323K2FKEA	650
32	2	R12,R31	RES, 10K OHMS, 5% 1/10W, 0603	VISHAY, CRCW060310K0JNEA	650
33	2	R13,R18	RES, 2.4M OHMS, 5% 1/10W, 0603	PANASONIC, ERJ-3GEYJ245V	650
34	3	R15,R16,R24	RES., CHIP, 0 OHM, 0603	VISHAY, CRCW06030000Z0EA	975

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Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	325
35	1	R20	RES, 1.8K OHMS, 5% 1/10W, 0603	VISHAY, CRCW06031K80JKEA	325
36	1	R22	RES, 0.01 OHMS, 1% 1/4W, 1206	VISHAY, WSL1206R0100FEA	325
37	1	R26	RES, 1K OHMS, 5% 1/10W, 0603	VISHAY, CRCW06031K00JNEA	325
38	2	R32,R37	RES, 0.033 OHMS, 1% 1/4W, 1206	VISHAY, WSL1206R0330FEA (2rls)	650
39	2	R33,R35	RES,150K OHMS, 5% 1/10W, 0603	VISHAY, CRCW0603150KJKEA	650
40	2	R34,R36	RES, 49.9K OHMS, 5% 1/10W, 0603	VISHAY, CRCW060349K9JKEA	650
41	2	Z1,Z2	DIODE, SMC-DIODE	DIODES INC., SMCJ33CA-13-F	650
42	2	Z3,Z4	DIODE, TRANSIENT VOTAGE SUPPRESSOR,POWERDi123	DIODES INC., DFLT15A	650
43	2	SHUNTS ON JP1&JP2	SHUNT, 2mm	SAMTEC, 2SN-BK-G	650
44	4	MH1-MH4	STANDOFF, NYLON, 0.5, 1/2"	KEYSTONE, 8833 (SNAP ON)	1300
45	2		STENCILS FOR TOP AND BOTTOM SIDES	DC1627A-3	2

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LTC4226CUD-1

Bill Of Materials

Demo Bd. #1627A3-A

QTY- 175

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<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	175
1	1		GENERAL BOM	DC1627A-3	1
2	2	U1,U2	I.C.,DUAL HOT SWAP CONTROLLER, QFN16UD-3X3	Linear Tech., LTC4226CUD-1	350

Linear Technology Corporation

LTC4226CUD-2

Bill Of Materials

Demo Bd. #1627A3-B

QTY- 175

4/12/2013 4:36 PM

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	175
1	1		GENERAL BOM	DC1627A-3	1
2	2	U1,U2	I.C.,DUAL HOT SWAP CONTROLLER, QFN16UD-3X3	Linear Tech., LTC4226CUD-2	350