

Linear Technology Corporation

LT4275AIDD, LT4321IUF, LTM8027EV

Bill Of Materials

Demo Bd. #2125A-2

8/22/2014 10:42 AM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	325
1	1	CG1	CAP., X7R, 1000pF, 2KV, 10% 1808	TDK, C4520X7R3D102K	325
2	2	C1,C3	CAP., X7S, 0.047uF 100V, 10%, 0603	TDK, C1608X7S2A473K	650
3	1	C2	CAP., X7R, 47nF 100V,10%, 0805	AVX, 08051C473KAT2A	325
4	1	C4	CAP., X7R, 22uF, 16V, 20%, 1210	AVX, 1210YC226MAT2A	325
5	2	C5,C6	CAP., TQC, 68uF 16V, 7343	PANASONIC, 16TQC68MYF	650
6	1	C7	CAP., X7R, 0.1uF 50V, 10%, 0603	MURATA, GRM188R71H104KA93D	325
7	1	C8	CAP., Aluminum, 22uF 63V,C-CE-BS-6.3X7.7	SUN ELECT., 63CE22BS	325
8	1	C9	CAP., X7R, 2.2uF 100V, 1210	AVX, 12101C225KAT2A	325
9	1	C10	CAP., X7R, 1500pF 100V, 5%, 0603	AVX, 06031C152JAT2A	325
10	1	D1	DIODE, 600W TRANSIENT VOLTAGE SUPPRESSOR, SOD128	NXP, PTVS58VP1UP	325
11	1	D2	LED, GREEN	ROHM, SML-010FTT86L	325
12	2	E1,E2	TP, TURRET, 0.094"	MILL-MAX 2501-2-00-80-00-00-07-0	650
13	1	J1	CONN., MAGJACK 1PORT 1000BASE-T	WURTH, 7499511001	325
14	1	J2	CONN.,SS-7188S-A-NF	Stewart Connector,SS-7188S-A-NF	325
15	1	L1	IND, 10uH, L-DO1608C	COILCRAFT, DO1608C-103MLB	325
16	9	Q1-Q9	MOSFET, N-CH, LFPK33	NXP, PSMN075-100MSE	2925
17	4	RT1-RT4	Res., Chip, 75 Ohm, 5%, 0603	VISHAY, CRCW060375R0JNEA	1300
18	3	R1,R6,R7	Res., Chip, 0 Ohm, 5%, 0603	VISHAY, CRCW06030000Z0EA	975
19	1	R2	Res., Chip, 8.2 Ohm, 5%, 0603	VISHAY,CRCW06038R20JNEA	325
20	1	R3	Res., Chip, 3.3K , 5%, 0603	VISHAY,CRCW06033K30JNEA	325
21	2	R4,R5	Res., Chip, 100K, 5%, 0603	VISHAY, CRCW0603100KJNEA	650
22	0	R8	Res., 0805	OPT	0
23	1	R9	Res., Chip, 34.8 Ohm, 1%, 0805	VISHAY,CRCW080534R8FKEA	325
24	2	R10,R14	Res., Chip, 0 Ohm, 5%, 0402	VISHAY, CRCW04020000Z0ED	650
25	1	R11	Res., Chip, 2K, 5%, 0805	VISHAY, CRCW08052K00JNEA	325
26	1	R12	Res., Chip, 56.2K, 1%, 0603	VISHAY,CRCW060356K2FKEA	325
27	1	R13	Res., Chip, 49.9K, 1%, 0603	VISHAY,CRCW060349K9FKEA	325
28	1	U1	IC, LT4275AIDD, DFN10DD-3X3	Linear Tech, LT4275AIDD#PBF	325
29	1	U2	IC, LT4321IUF, QFN16UF-4X4	Linear Tech, LT4321IUF#PBF	325
30	1	U3	IC., uMODULE REGULATOR, LGA113-15X15X4.32	LINEAR TECH., LTM8027EV	325
31	4	MH1-MH4	STANDOFF, NYLON, 0.5, 1/2"	KEYSTONE, 8833 (SNAP ON)	1300
32	2		STENCILS (Top & Bottom)	STENCIL DC2125A-2	2