

Linear Technology Corporation

LTC2946IDE

Bill Of Materials

Demo Bd. # 2156A-2

QTY- 275

5/28/2014 5:58 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	275
1	1	C1	Cap., X7R 0.1uF 200V 10% 1206	AVX, 12062C104KAT2A	275
2	2	C2,C5	Cap., X5R 0.1uF 25V 10% 0603	AVX, 06033D104KAT2A	550
3	2	C3,C4	Cap., C0G, 36pF 25V 5% 0603	AVX, 06033A360JAT2A	550
4	1	D1	Voltage Suppressor, 70V	DIODES/ZETEX, SMAT70A	275
5	2	D2,D3	LED, GRN PLCC-2(B-SIZE)	VISHAY, VLMC3101-GS08	550
6	1	D4	LED, AMBER PLCC-2(B-SIZE)	VISHAY, VLMH3100-GS08	275
7	1	D5	LED, RED PLCC-2(B-SIZE)	VISHAY, VLMS3000-GS08	275
8	1	D6	DIODE, Dual Schottky, SOT-23	FAIRCHILD, BAT54C	275
9	4	E1,E2,E3,E4	TP, TURRET, .094"	MILL-MAX, 2501-2-00-80-00-00-07-0	1100
10	15	E5-E19	TP, TURRET, .064"	MILL-MAX, 2308-2-00-80-00-00-07-0	4125
11	3	JP1,JP2,JP3	Headers, Dbl. Row 2 x 3 2mm Ctrs.	SULLINS, NRPN032PAEN-RC	825
12	4	J1,J2,J3,J4	BANANA JACK, NON-INSULATED	KEYSTONE, 575-4	1100
13	1	J5	CONN., HEADER, 14 Pin, 2mm	MOLEX, 87831-1420	275
14	1	Q1	MOSFET N-Chan, 60V 115MA SOT23	DIODES/ZETEX, 2N7002-7-F	275
15	1	RSNS	Res., LRC 0.020 1.0W 1% 2010	IRC, LRF20 10LF-01-R020-F	275
16	1	R1	Res., Chip 51 0.1W 5% 0603	VISHAY, CRCW060351R0JNEA	275
17	1	R2	Res., Chip 147K 0.1W 1% 0603	VISHAY, CRCW0603147KFKEA	275
18	4	R3,R5,R7,R9	Res., Chip 3.3K 0.1W 5% 0603	VISHAY, CRCW06033K30JNEA	1100
19	3	R4,R6,R8	Res., Chip 100K 0.1W 5% 0603	VISHAY, CRCW0603100KJNEA	825
20	1	R10	Res., Chip 3K 0.1W 1% 0603	VISHAY, CRCW06033K00FKEA	275
21	0	R11,R12	Res, 0603	OPT	0
22	1	R14	Res, 0, 0603	VISHAY, CRCW0603000JNEA	275
23	3	R15,R16,R17	Res., Chip 5.1K 0.1W 5% 0603	VISHAY, CRCW06035K10JNEA	825
24	1	U1	I.C., Power Monitor, DFN16DE-4X3	LINEAR TECH., LTC2946IDE	275
25	1	U2	I.C., Serial EEPROM TSSOP-8	MICROCHIP, 24LC025-I/ST	275
26	1	Y1	XTAL, 4 MHz, Y-ABLS	ABRACON CORP., ABLS-4.000MHZ-B2-T	275
28	3	SHUNTS AS SHOWN ON ASSY DWG	Shunt, 2mm Ctrs.	SAMTEC 2SN-BK-G	825
29	4	MH1-MH4	STAND-OFF, NYLON 0.25"	KEYSTONE, 8831 (SNAP ON)	1100
30	1		STENCIL	DC2156A-2	1