

Linear Technology Corporation

LTC4229IUFD

Bill Of Materials

Demo Bd. 2060A-2

QTY- 175

7/26/2013 1:57 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	175
1	5	C1,C5,C6,C8,C10	CAP., X7R, 0.1uF, 50V, 0603	AVX, 06035C104KAT2A	875
2	0	C2,C3	CAP., ALUMINUM, 100uF 50V, OPT	SUN ELECT., 50CE100BS	0
3	1	C4	CAP., X7R, 10nF, 50V, 0603	AVX, 06035C103KAT2A	175
4	2	C7,C9	CAP., X7R, 0.1uF, 16V, 5%, 0603	AVX, 0603YC104JAT2A	350
5	1	C11	CAP., X7R, 1uF, 16V, 10%, 0603	AVX, 0603YC105KAT2A	175
6	1	D1	DIODE, Voltage Supp. 19V 5%, SMA-DIODE	VISHAY, SMAJ17A-E3	175
7	2	D2,D4	LED, SMT RED	ROHM, SML-010VT T86L	350
8	2	D3,D5	LED, SMT GREEN	ROHM, SML-010FT T86L	350
9	0	D6	DIODE, CMHZ4706, SOD123	OPT	0
10	5	E1,E2,E3,E4,E5	TP, .094"	MILL-MAX, 2501-2-00-80-00-00-07-0	875
11	11	E6-E16	TP, .064"	MILL-MAX, 2308-2-00-80-00-00-07-0	1925
12	1	JP1	JMP, HD2X3, .079CC	SULLINS, NRPN032PAEN-RC	175
13	8	JP2-JP9	JMP, HD1X3, .079CC	SULLINS, NRPN031PAEN-RC	1400
14	5	J1,J2,J3,J4,J5	JACK, BANANA	KEYSTONE, 575-4	875
15	0	Q1,Q4,Q5	MOSFET, N-CH, 30-V, SiR158DP, SO8-POWERPAK	OPT	0
16	2	Q2,Q3	MOSFET, N-CH, 30-V, SO8-POWERPAK	VISHAY, SiR158DP-T1-GE3	350
17	1	RS1	RES., CHIP, 0.0025,3/4W,1%, 2010	VISHAY, WSL20102L5000FEA	175
18	0	RS2	RES., CHIP, 0.003,3/4W,1%, 2010, OPT	OPT	0
19	2	R1,R4	RES., CHIP,10, 1%, 0603	VISHAY, CRCW060310R0FKEA	350
20	1	R2	RES., CHIP, 0, 3/4W, 2010	VISHAY, CRCW20100000FKEF	175
21	1	R3	RES., CHIP, 1K, 5%, 0603	VISHAY, CRCW06031K00JKEA	175
22	3	R5,R6,R18	RES., CHIP, 2K, 1%, 0603	VISHAY, CRCW06032K00FKEA	525
23	1	R7	RES., CHIP, 4.87K, 1%, 0603	VISHAY, CRCW06034K87FKEA	175
24	1	R8	RES., CHIP, 15K, 1%, 0603	VISHAY, CRCW060315K0FKEA	175
25	4	R9,R10,R11,R12	RES., CHIP, 3K, 1%, 0805	VISHAY, CRCW08053K00FKEA	700
26	1	R13	RES., CHIP, 20K, 1%, 0603	VISHAY, CRCW060320K0FKEA	175
27	2	R14,R21	RES., CHIP, 0, 1/16W, 0603	VISHAY, CRCW06030000Z0EDA	350
28	1	R15	RES., CHIP, 56.2K, 1%, 0603	VISHAY, CRCW060356K2FKEA	175
29	1	R16	RES., CHIP, 21.5K, 1%, 0603	VISHAY, CRCW060321K5FKEA	175
30	1	R17	RES., CHIP, 1.1K, 1%, 0603	VISHAY, CRCW06031K10FKEA	175
31	0	R19,R22	RES., CHIP, 0 OHM, 0603	OPT	0
32	0	R20	RES., CHIP, 10, 0603	OPT	0
33	1	U1	IC., Hot Swap, QFN24UFD-4X5	LINEAR TECH., LTC4229IUFD	175
34	9	SHUNTS(SEE ASSY DWG)	SHUNT, 0.079" CENTER	SAMTEC, 2SN-BK-G	1575
35	4	MH1-MH4	STANDOFF, NYLON, 0.50, 1/2"	KEYSTONE, 8833 (SNAP ON)	700
36	2		STENCILS FOR BOTH SIDES	STENCIL DC2060A-2	2