

Linear Technology Corporation

LTC4231IMS-1/2

GENERAL BOM (A,B)

Bill Of Materials

Demo Bd.# 2161A-2

9/22/2014 10:18 AM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	620
1	1	C1	CAP., X7R, 0.1uF 25V, 10%, 0603	MURATA, GRM188R71E104KA01D	620
2	0	C2	CAP., 0402	OPT	0
3	1	C3	CAP., TANT, 100uF 25V, 20%, 7343	AVX, TAJE107M025RNJ	620
4	1	C4	CAP., X7R, 0.082uF 16V, 10%, 0402	MURATA, GRM155R71C823KA88D	620
5	1	D1	DIODE, SUPPRESSORS,600W, SMB-DIODE	FAIRCHILD SEMI., SMBJ24CA	620
6	1	D2	LED, GREEN, LED-ROHM-SML-010	ROHM, SML-010FTT86	620
7	10	E1-E10	TURRET, TESTPOINT 0.064"	MILL-MAX, 2308-2-00-80-00-00-07-0	6200
8	2	JP1,JP2	HEADER, 2MM SINGLE 3POS	SULLINS, NRPN031PAEN-RC	1240
9	1	JP3	HEADER, 2MM DOUBLE 3POS	SAMTEC, TMM-103-02-L-D	620
10	4	J1,J2,J3,J4	JACK, BANANA	KEYSTONE, 575-4	2480
11	1	Q1	MOSFET, DUAL-CH, 60V, SO8-POWERPAK	VISHAY SILICONIX, Si7960DP-T1-GE3	620
12	1	R1	RES., CHIP, 10, 1/16W, 1%, 0603	VISHAY, CRCW060310R0FKEA	620
13	1	R2	RES., SENSE, 0.015, 1/4W, 1%, 1206	VISHAY, WSL1206R0150FEA	620
14	1	R3	RES., CHIP, 10, 1/16W, 1%, 0402	VISHAY, CRCW040210R0FKED	620
15	0	R4	RES., 0402	OPT	0
16	1	R5	RES., CHIP, 3.32K, 1/16W, 1%, 0603	VISHAY, CRCW06033K32FKEA	620
17	1	R6	RES., CHIP, 1.24M, 1/8W, 1%, 0805	VISHAY, CRCW08051M24FKEA	620
18	1	R7	RES., CHIP, 12.4K, 1/16W, 1%, 0402	VISHAY, CRCW040212K4FKED	620
19	1	R8	RES., CHIP, 24.9K, 1/16W, 1%, 0402	VISHAY, CRCW040224K9FKED	620
20	1	R9	RES., CHIP, 75K, 1/16W, 1%, 0402	VISHAY, CRCW040275K0FKED	620
21	2	R10,R11	RES., CHIP, 100K, 1/16W, 5%, 0402	VISHAY, CRCW0402100KJNED	1240
22	3	SHUNTS AS SHOWN ON ASSY DWG	SHUNT, 2mm Ctrs.	SAMTEC 2SN-BK-G	1860
23	4	MH1-MH4	STAND-OFF, NYLON 0.25"	KEYSTONE, 8831 (SNAP ON)	2480
24	1	STENCIL	STENCIL FOR TOP SIDE	STENCIL DC2161A-2	1

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LTC4231IMS-1

Bill Of Materials
Demo Bd. # 2161A2-A
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Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	160
1	1		DC2161A2-GENERAL BOM		1
2	1	U1	I.C., MICROPOWER HOT SWAP CONTROLLER, MS12	LINEAR TECH., LTC4231IMS-1	160

Linear Technology Corporation

LTC4231IMS-2

Bill Of Materials
Demo Bd. # 2161A2-B

9/22/2014 10:18 AM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	460
1	1		DC2161A2-GENERAL BOM		1
2	1	U1	I.C., MICROPOWER HOT SWAP CONTROLLER, MS12	LINEAR TECH., LTC4231IMS-2	460