

Linear Technology Corporation

LTC2642ACDD-16

Bill Of Materials

DC1096B-1

QTY- 175

1/19/2015 12:30 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	175
1	12	C1,C3,C6,C13-C21	CAP, 0603 0.1uF 10% 25V X7R	AVX 06033C104KAT	2100
2	2	C4,C5	CAP, 0805 10uF 20% 10V X5R	TDK C2012X5R1A106M125AB	350
3	1	C8	CAP, 0402 0.1uF 20% 16V X7R	TDK C1005X7R1C104M050BC	175
4	2	C10,C9	CAP, 0603 4.7uF 20% 6.3V X5R	TDK C1608X5R0J475M080AB	350
5	1	C11	CAP, 0402 33pF 10% 50V NP0	AVX, 04025A330KAT2A	175
6	0	C12	CAP, 0402 OPTION	TDK C1005X7R1E103K050BB	0
7	13	E1-E10,E12-E14	TURRET	MILL-MAX 2308-2-00-80-00-00-07-0	2275
8	6	JP1-JP4,JP6,JP7	HEADER, 3PIN 2mm	SULLINS, NRPN031PAEN-RC	1050
9	1	JP5	HEADER, 2X4 .100 CENTERS	WURTH ELEKTRONIK, 61300821121	175
10	1	J1	HEADER, 2X7 2mm	MOLEX 87831-1420	175
11	1	R1	RES, 0402 10K OHMS 5% 1/16W	VISHAY CRCW040210K0JNED	175
12	2	R3,R2	RES, 0402 0 OHMS JUMPER	VISHAY CRCW04020000Z0ED	350
13	3	R4,R5,R6	RES, 0402 4.99K OHMS 1% 1/16W	VISHAY CRCW04024K99FKED	525
14	3	R7,R8,R9	RES, 0603 0 OHM JUMPER	VISHAY CRCW0603000Z0EA	525
15	3	U1,U2,U4	IC, LTC2642ACDD-16	LINEAR TECH. LTC2642ACDD-16	525
16	1	U3	IC, 24LC025-I/ST	MICROCHIP TECH. 24LC025-I/ST	175
17	0	U5,U8,U9	IC, OPTION	OPTION	0
18	1	U6	IC, LTC6078ACMS8	LINEAR TECH LTC6078ACMS8	175
19	1	U7	IC, LT1678CS8#PBF	LINEAR TECH LT1678CS8#PBF	175
20	1	U10	IC, VOLTAGE REG 5V	LINEAR TECH. LT1236CCS8-5#PBF	175
21	1	U11	IC, VOLTAGE REG 2.5V	LINEAR TECH. LT1019CS8-2.5#PBF	175
22	6	JP1-JP4,JP6,JP7	SHUNT	SAMTEC 2SN-BK-G	1050
23	1	JP5	SHUNT, .100	WURTH ELEKTRONIK, 60900213421	175
24	1		STENCIL FOR TOP SIDE ONLY	STENCIL DC1096B-1	1