

Linear Technology Corporation
LTC23XXCTS8

BILL OF MATERIALS
DC1563A3-GENERAL BOM
QTY-700
1/22/2013 4:09 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	700
1	9	C1,C2-C5,C13-C16	CAP., X5R, 0.1uF, 16V,10%	AVX, 0603YD104KAT	6300
2	3	C6,C9,C12	CAP., X5R, 4.7uF 6.3V,20%,0603	TAIYO YUDEN, JMK107BJ475MA-T	2100
3	0	C7,C10,C11,C18	CAP., 0603	OPT	0
4	4	C8,C24,C26,C29	CAP., X5R, 10uF 6.3V,20%,0603	TDK, C1608X5R0J106MT	2800
5	4	C17,C22,C25,C28	CAP., X7R, 1uF 16V,10%,0603	TDK, C1608X7R1C105K	2800
6	1	C19	CAP., NP0 47pF 25V 10%, 0603	AVX, 06033A470KAT2A	700
7	1	C21	CAP., X5R, 47uF 16V,20%,1210	TAIYO YUDEN, EMK325BJ476MM-T	700
8	3	C23,C27,C30	CAP., COG, 0.01uF, 25V,10%, 0603	KEMET, C0603C103K3GACTU	2100
9	8	C31-C38	CAP., X7R, 0.1uF, 16V,10%	TDK, C1005X7R1C104KT	5600
10	2	E1,E4	TP, TURRET, 0.094"	MILL-MAX, 2501-2-00-80-00-00-07-0	1400
11	3	E2,E3,E5	TP, TURRET, 0.064"	MILL-MAX, 2308-2-00-80-00-00-07-0	2100
12	2	J1,J4	CONN., BNC-5PINS	CONNEX, 112404	1400
13	1	J2	HEADER, 2X20, 0.100", HD2X20-100	SAMTEC, TSW-120-07-L-D	700
14	1	J3	HEADER, 2X7, 0.079"	MOLEX, 87831-1420	700
15	1	J5	HEADER, 2X5, 0.100", HD2X5-100	SAMTEC, TSW-105-07-L-D	700
16	4	JP1,JP2,JP3,JP4	JMP., 1X3, 0.100", HD1X3-100	SAMTEC, TSW-103-07-L-S	2800
17	4	R1,R3,R4,R16	RES., CHIP 33, 1%, 0603	NIC, NRC06F33R0TRF	2800
18	8	R2,R6,R9,R13,R18,R24,R27,R30	RES., CHIP 1K, 1%, 0603	NIC, NRC06F1001TRF	5600
19	1	R5	RES., CHIP 49.9, 1%, 1206	NIC, NRC12F49R9TRF	700
20	3	R10,R11,R12	RES., CHIP 4.99K, 1%, 0603	NIC, NRC06F4991TRF	2100
21	1	R14	RES., CHIP 0, 1%, 0603	NIC, NRC06F0000TRF	700
22	1	R15	RES., CHIP 49.9, 1%, 0603	NIC, NRC06F49R9TRF	700
23	1	R17	RES., CHIP 2K, 1%, 0603	NIC, NRC06F2001TRF	700
24	1	R19	RES., CHIP 10K, 1%, 0402	NIC, NRC04F1002TRF	700
25	3	R20,R22,R23	RES., CHIP 1K, 1%, 0402	NIC, NRC04F1001TRF	2100
26	1	R21	RES., CHIP 10K, 1%, 0603	NIC, NRC06F1002TRF	700
27	1	R25	RES., CHIP 2.80K, 1%, 0603	NIC, NRC06F2801TRF	700
28	1	R26	RES., CHIP 1.74K, 1%, 0603	NIC, NRC06F1741TRF	700
29	1	R28	RES., CHIP 4.02K, 1%, 0603	NIC, NRC06F4021TRF	700
30	1	R29	RES., CHIP 3.16K, 1%, 0603	NIC, NRC06F3161TRF	700
31	0	R31	RES., 0402	OPT	0
32	1	R32	RES., CHIP 33, 1%, 0402	NIC, NRC04F33R0TRF	700
33	2	U2,U4	IC, TINYLOGIC ULP-A UNBUFFERED INVERTER, SC70-5	FAIRCHILD, NC7SVU04P5X	1400
34	1	U3	IC, SINGLE D FLIP FLOP, US8	ON SEMI., NL17SZ74	700
35	1	U5	IC., LT1790ACS6-2.048, SOT23-6	LINEAR TECH., LT1790ACS6-2.048	700

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	700
36	1	U6	IC, SINGLE SPST BUS SWITCH, SC70-5	FAIRCHILD, NC7SZ66P5X	700
37	1	U7	IC, SERIAL EEPROM, TSSOP	MICROCHIP, 24LC025-I/ST	700
38	2	U8,U9	IC, TINYLOGIC UHS INVERTER, SC70-5	FAIRCHILD, NC7SZ04P5X	1400
39	1	U11	IC, MAX II FAMILY, TQFP100	ALTERA, EPM240GT100C5N	700
40	1	U12	IC., LT1763CS8-1.8, SO8	LINEAR TECH., LT1763CS8-1.8	700
41	2	U13,U14	IC., LT1763CS8, SO8	LINEAR TECH., LT1763CS8	1400
42	4	STAND-OFF AT 4 CORNERS	STAND-OFF, NYLON (SNAP ON), 0.25" TALL	KEYSTONE, 8831(SNAP ON)	2800
43	3	SHUNTS ON JP1-JP3 AS ON ASSY DWG	SHUNT, .100" CENTER	SAMTEC, SNT-100-BK-G	2100
44	1	STENCIL	STENCIL TOP SIDE ONLY	DC1563A-3	1

Linear Technology Corporation

LTC2315CTS8-12

BILL OF MATERIALS

DC1563A3-A

QTY- 110

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Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	110
1	1	DC1563A	GENERAL BOM		1
2	0	R7	RES., 0603	OPT	0
3	1	R8	RES., CHIP, 33, 1%, 0603	NIC, NRC06F33R0TRF	110
4	0	R31	RES., 0402	OPT	0
5	1	U1	IC, LTC2315CTS8-12, TSOT23-8	LINEAR TECH., LTC2315CTS8-12	110

Linear Technology Corporation

LTC2313CTS8-12

BILL OF MATERIALS

DC1563A3-B

QTY- 60

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<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	60
1	1	DC1563A	GENERAL BOM		1
2	1	R7	RES., CHIP, 33, 1%, 0603	NIC, NRC06F33R0TRF	60
3	0	R8	RES., 0603	OPT	0
4	0	R31	RES., 0402	OPT	0
5	1	U1	IC, LTC2313CTS8-12, TSOT23-8	LINEAR TECH., LTC2313CTS8-12	60

Linear Technology Corporation

LTC2312CTS8-12

BILL OF MATERIALS

DC1563A3-C

QTY- 60

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<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	60
1	1	DC1563A	GENERAL BOM		1
2	1	R7	RES., CHIP, 33, 1%, 0603	NIC, NRC06F33R0TRF	60
3	0	R8	RES., 0603	OPT	0
4	0	R31	RES., 0402	OPT	0
5	1	U1	IC, LTC2312CTS8-12, TSOT23-8	LINEAR TECH., LTC2312CTS8-12	60

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LTC2314CTS8-14

BILL OF MATERIALS

DC1563A3-F

QTY- 110

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<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	110
1	1	DC1563A	GENERAL BOM		1
2	0	R7	RES., 0603	OPT	0
3	1	R8	RES., CHIP, 33, 1%, 0603	NIC, NRC06F33R0TRF	110
4	1	R31	RES., CHIP, 300, 1%, 0402	NIC, NRC04F300RTRF	110
5	1	U1	IC, LTC2314CTS8-14, TSOT23-8	LINEAR TECH., LTC2314CTS8-14	110

Linear Technology Corporation

LTC2313CTS8-14

BILL OF MATERIALS

DC1563A3-G

QTY- 60

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<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	60
1	1	DC1563A	GENERAL BOM		1
2	1	R7	RES., CHIP, 33, 1%, 0603	NIC, NRC06F33R0TRF	60
3	0	R8	RES., 0603	OPT	0
4	1	R31	RES., CHIP, 300, 1%, 0402	NIC, NRC04F300RTRF	60
5	1	U1	IC, LTC2313CTS8-14, TSOT23-8	LINEAR TECH., LTC2313CTS8-14	60

Linear Technology Corporation

LTC2312CTS8-14

BILL OF MATERIALS

DC1563A3-H

QTY- 60

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<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	60
1	1	DC1563A	GENERAL BOM		1
2	1	R7	RES., CHIP, 33, 1%, 0603	NIC, NRC06F33R0TRF	60
3	0	R8	RES., 0603	OPT	0
4	1	R31	RES., CHIP, 300, 1%, 0402	NIC, NRC04F300RTRF	60
5	1	U1	IC, LTC2312CTS8-14, TSOT23-8	LINEAR TECH., LTC2312CTS8-14	60