

Linear Technology Corporation
LTC23XXCMS FAMILY

BILL OF MATERIALS
DC1571A3-GENERAL BOM
QTY-225
6/25/2010 4:35 PM

Item	Qty		Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	225
1	16	C1-C5,C7,C10,C11,C13-C16,C43,C56,C57,C60	CAP., X5R, 0.1uF, 16V,10%	AVX, 0603YD104KAT	3600
2	12	C6,C9,C17,C24,C26,C29,C45,C48,C52,C53,C61,C63	CAP., X5R, 10uF 6.3V,20%,0603	TDK, C1608X5R0J106MT	2700
3	12	C8,C12,C22,C25,C28,C44,C46,C51,C54,C55,C59,C62	CAP., X7R, 1uF 16V,10%,0603	TDK, C1608X7R1C105K	2700
4	0	C18,C39,C40,C41,C47,C49,C58	CAP., 0603	OPT	0
5	1	C19	CAP., C0G, 3300pF, 50V, 10%, 1206	AVX, 12065A332KAT2A	225
6	1	C20	CAP., X5R, 47uF 6.3V,20%,0805	TAIYO YUDEN, JMK212BJ476MG-T	225
7	1	C21	CAP., X5R, 22uF 16V,20%,1210	TAIYO YUDEN, EMK325BJ226MM-T	225
8	4	C23,C27,C30,C50	CAP., X7R, 0.01uF, 16V,10%	AVX, 0603YC103KAT	900
9	8	C31-C38	CAP., X7R, 0.1uF, 16V,10%	TDK, C1005X7R1C104KT	1800
10	1	C42	CAP., C0G, 15pF, 50V, 10%, 0603	AVX, 06035A150KAT2A	225
11	5	E1,E4,E6,E7,E10	TP, TURRET, 0.094"	MILL-MAX, 2501-2-00-80-00-00-07-0	1125
12	5	E2,E3,E5,E8,E9	TP, TURRET, 0.064"	MILL-MAX, 2308-2-00-80-00-00-07-0	1125
13	3	J1,J4,J8	CONN., BNC-5PINS	CONNEX, 112404	675
14	1	J2	CONN., 40PINS SMT, CON-EDGE40-100	SAMTEC, TSW-120-07-L-D	225
15	1	J3	HEADER, 2X7, 0.079"	MOLEX, 87831-1420	225
16	1	J5	HEADER, 2X5, 0.100", HD2X5-100	SAMTEC, TSW-105-07-L-D	225
17	5	JP1-JP5	JMP., 1X3, 0.100", HD1X3-100	SAMTEC, TSW-103-07-L-S	1125
18	0	JP6	JMP., 1X3, 0.100", HD1X3-100	OPT	0
19	4	R1,R3,R4,R8	RES., CHIP 33, 1%, 0603	NIC, NRC06F33R0TRF	900
20	9	R2,R6,R7,R9,R13,R24,R29,R40,R43	RES., CHIP 1K, 1%, 0603	NIC, NRC06F1001TRF	2025
21	1	R5	RES., CHIP 49.9, 1%, 1206	NIC, NRC12F49R9TRF	225
22	3	R10,R11,R12	RES., CHIP 4.99K, 1%, 0603	NIC, NRC06F4991TRF	675
23	6	R14,R33,R34,R39,R45,R46	RES., CHIP 0, 1%, 0603	NIC, NRC06F0000TRF	1350
24	3	R15,R18,R37	RES., CHIP 1K, 1%, 0603	NIC, NRC06F1001TRF	675
25	2	R16,R19	RES., CHIP 100, 1%, 0402	NIC, NRC04F100RTRF	450
26	2	R17,R28	RES., CHIP 2K, 1%, 0603	NIC, NRC06F2001TRF	450
27	3	R20,R22,R23	RES., CHIP 1K, 1%, 0402	NIC, NRC04F1001TRF	675
28	1	R21	RES., CHIP 10K, 1%, 0603	NIC, NRC06F1002TRF	225
29	1	R25	RES., CHIP 1.69K, 1%, 0603	NIC, NRC06F1691TRF	225
30	1	R26	RES., CHIP 1.54K, 1%, 0603	NIC, NRC06F1541TRF	225
31	1	R27	RES., CHIP 2.80K, 1%, 0603	NIC, NRC06F2801TRF	225
32	1	R30	RES., CHIP 10K, 1%, 0402	NIC, NRC04F1002TRF	225
33	0	R31,R35,R38,R41	RES., 0603	OPT	0
34	2	R32,R36	RES., CHIP 49.9, 1%, 0603	NIC, NRC06F49R9TRF	450
35	1	R42	RES., CHIP 5.62K, 1%, 0603	NIC, NRC06F5621TRF	225

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				NUMBER OF BOARDS =	225
36	0	R44	RES., CHIP 300, 1%, 0402	OPT	0
37	2	U2,U4	IC, TINYLOGIC ULP-A UNBUFFERED INVERTER,SC70-5	FAIRCHILD, NC7SVU04P5X	450
38	1	U3	IC, SINGLE D FLIP FLOP, US8	ON SEMI., NL17SZ74	225
39	0	U5	IC., LT1790ACS6-1.25, SOT23-6	OPT	0
40	1	U6	IC, SINGLE SPST BUS SWITCH, SC70-5	FAIRCHILD, NC7SZ66P5X	225
41	1	U7	IC, SERIAL EEPROM, TSSOP	MICROCHIP, 24LC025-I/ST	225
42	2	U8,U9	IC, TINYLOGIC UHS INVERTER, SC70-5	FAIRCHILD, NC7SZ04P5X	450
43	1	U10	IC., LTC6652AHMS8-2.5, MS8	LINEAR TECH., LTC6652AHMS8-2.5	225
44	1	U11	IC, MAX II FAMILY, TQFP100	ALTERA, EPM240GT100C5N	225
45	1	U12	IC., LT1763CS8-1.8, SO8	LINEAR TECH., LT1763CS8-1.8	225
46	2	U13,U16	IC., LT1763CS8, SO8	LINEAR TECH., LT1763CS8	450
47	1	U14	IC., LT1763CS8-2.5, SO8	LINEAR TECH., LT1763CS8-2.5	225
48	1	U15	IC., LT6350CMS8, MS8	LINEAR TECH., LT6350CMS8	225
49	1	U17	IC., LT1964ES5-SD, SOT23-5	LINEAR TECH., LT1964ES5-SD	225
50	4	MTG1,MTG2,MTG3,MTG4	STAND-OFF, NYLON (SNAP ON), 0.25" TALL	KEYSTONE, 8831(SNAP ON)	900
51	5	SHUNTS AS SHOWN ON ASSY DWG (JP1-JP5)	SHUNT, .100" CENTER	SAMTEC, SNT-100-BK-G	1125
52	1	STENCIL FOR TOP SIDE		DC1571A-3	1
53	1	FROM JP2 PIN 1 TO E5	3" 24 GAUGE WIRE	WURTH, WE2403-5	225

<i>Item</i>	<i>Qty</i>		<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	75
1	1	DC1571A-3	GENERAL BOM		1
2	1	U1	IC., LTC2383CMS-16, MS16	LINEAR TECH., LTC2383CMS-16	75

<i>Item</i>	<i>Qty</i>		<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	75
1	1	DC1571A-3	GENERAL BOM		1
2	1	U1	IC., LTC2382CMS-16, MS16	LINEAR TECH., LTC2382CMS-16	75

<i>Item</i>	<i>Qty</i>		<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	75
1	1	DC1571A-3	GENERAL BOM		1
2	1	U1	IC., LTC2381CMS-16, MS16	LINEAR TECH., LTC2381CMS-16	75