

# Linear Technology Corporation

LTC2757CLX

18-BIT PARALLEL INPUT, CURRENT OUTPUT DAC WITH READBACK

**BILL OF MATERIALS**

**DC1485A-2**

**QTY-175**

8/18/2011 2:43 PM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>175</b>
1	16	C1-C4,C6-C8,C10-C12,C19,C25,C29,C31,C33,C40	CAP., X5R, 0.1uF 25V 20%,0402	TDK, C1005X5R1E104M	2800
2	2	C5,C20	CAP., NP0, 100pF 50V, 5%,1206	AVX, 12065A101JAT2A	350
3	1	C9	CAP., X7R, 1uF 25V 10%,0805	TDK, C2012X7R1E105K	175
4	2	C34,C37	CAP., X5R, 1uF 25V 20%,0603	TDK, C1608X5R1E105M	350
5	6	C13,C18,C30,C36,C39,C41	CAP., X5R, 10uF 25V 20%,1206	TDK, C3216X5R1E106M	1050
6	1	C14	CAP., X7R, 1uF 25V 10%,1206	AVX, 12063C105KAT2A	175
7	0	C15,C16	CAP., 0603	OPT	0
8	0	C21	CAP., 1206	OPT	0
9	3	C17,C23,C28	CAP., NP0, 100pF 50V, 5%,0402	AVX, 04025A101JAT2A	525
10	2	C38,C35	CAP., X7R, 0.01uF 25V 20%,0402	TDK, C1005X7R1E103M	350
11	3	D1,D2,D5	DIODE,SCHOTTKY, SOT23	DIODES INC., BAT54C-7-F	525
12	9	E1,E2,E3,E4,E5,E6,E7,E8,E9	TESTPOINT, TURRET, 0.064"	MILL-MAX, 2308-2-00-80-00-00-07-0	1575
13	3	JP1,JP2,JP3	JMP, 2X3, 0.079"	SAMTEC, TMM-103-02-L-D	525
14	2	JP4,JP5	JMP, 1X3, 0.079"	SAMTEC, TMM-103-02-L-S	350
15	1	J1	HEADER, 2X7PIN, 0.079CC	MOLEX, 87831-1420	175
16	0	J2	CONN, BNC, RTANG 50 OHM	OPT (TYCO ELEC. AMP, 413631-1)	0
17	1	P1	JMP, 2X20, 0.100"	SAMTEC, TSW-120-07-L-D	175
18	2	R1,R2	RES., Chip 10K 1/16W 5%,0603	VISHAY, CRCW060310K0JNEA	350
19	3	R7,R8,R3	RES., Chip 1K 1/16W 5%,0603	VISHAY, CRCW06031K00JNEA	525
20	6	R4,R9,R20,R21,R22,R23	RES., Chip 100 1/16W 5%,0402	VISHAY, CRCW0402100RJNED	1050
21	1	R5	RES., Chip 10 1/16W 5%,0603	VISHAY, CRCW060310R0JNEA	175
22	1	R6	RES., Chip 4.02K 1/16W 1%,0603	VISHAY, CRCW06024K02FKED	175
23	8	R11,R16,R17,R18,R19,R27,R29,R30	RES., Chip 4.99K 1/16W 1%,0402	VISHAY, CRCW04024K99FKED	1400
24	4	R24,R25,R26,R31	RES., Chip 10K 1/16W 5%,0402	VISHAY, CRCW040210K0JNED	700
25	1	R28	RES., Chip 20K 1/16W 5%,0402	VISHAY, CRCW040220K0JNED	175
26	1	U1	I.C., LTC2757CLX, LQFP48LX	LINEAR TECH., LTC2757CLX	175
27	1	U2	I.C., LT1012ACS8, SO8	LINEAR TECH., LT1012ACS8	175
28	1	U3	I.C., LTC2054CS5, SOT23-5	LINEAR TECH., LTC2054CS5	175
29	1	U4	I.C., LTC6240CS5, SOT23-5	LINEAR TECH., LTC6240CS5	175
30	1	U5	I.C., LT1360CS8, SO8	LINEAR TECH., LT1360CS8	175
31	0	U6	I.C., LTC6655AHMS8-5, MSOP8	OPT	0
32	1	U8	I.C., LT1236ACS8-5, SO8	LINEAR TECH., LT1236ACS8-5	175
32	4	U9,U10,U11,U12	I.C., 74VHC595MTC, TSSOP16	FAIRCHILD SEMI., 74VHC595MTCX	700
33	1	U13	I.C., NC7SZ14P5X, SC70-5	FAIRCHILD SEMI., NC7SZ14P5X	175

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Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>175</b>
34	1	U14	I.C., Serial EEPROM, TSSOP8	MICROCHIP, 24LC025-I/ST	175
35	1	U15	I.C., LT1761ES5-5, SOT23-5	LINEAR TECH., LT1761ES5-5	175
36	1	U16	I.C., LT1964ES5-5, SOT23-5	LINEAR TECH., LT1964ES5-5	175
37	8	SHUNTS AS SHOWN ON ASSY DWG	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	1400
38	4	MTG	STAND-OFF, NYLON (SNAP ON), 0.50" TALL	KEYSTONE, 8833(SNAP ON)	700
39	1	FOR INVENTORY ONLY	CABLE ASSY., 8" STRIP	LINEAR RIBBON CABLE, CA-2440	175
40	2		STENCILS BOTH SIDES	DC1485A-1	2