

Linear Technology Corporation

LTC2351CUH-14

6 CHANNEL, 14-BIT, 1.5Msps SIMULTANEOUS SAMPLING ADC

ENG: GUY HOOVER (25-30)

BILL OF MATERIALS

DC1278A

QTY- 225

8/6/2007 1:42 PM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	225
1	18	C1-C4,C6,C7,C8,C11,C13,C15,C17,C19,C21,C22,C23,C25,C26,C27	CAP, NPO 47PF 50V 10% 0402	AVX 04025A470KAT	4050
2	8	C5,C20,C35,C37-C40,C42	CAP, X7R 0.1UF 16V 10% 0402	TAIYO YUDEN, EMK105BJ104KVFR	1800
3	8	C9,C10,C12,C14,C16,C18,C30,C34	CAP, X5R 1.0UF 6.3V 20%, 0402	TDK, C1005X5R0J105M	1800
4	3	C24,C28,C32	CAP, X5R 10UF 6.3V 20% 0805	AVX, 08056D106MAT	675
5	2	C33,C29	CAP, X7R 0.01UF 16V 10% 0402	AVX, 0402YC103KAT	450
6	1	C31	CAP, X5R 100UF 6.3V 20% 1210	TDK, C3225X5R0J107M	225
7	0	C36,C41	CAP., 0402	OPT	0
8	2	E1,E2	TESTPOINT, TURRET, 0.064"	MILL-MAX, 2308-2	450
9	2	JP1,JP2	JMP, 2X3, 0.079"	SAMTEC, TMM-103-02-L-D	450
10	4	SHUNTS FOR JP1-JP2 PIN 1&3, PIN 2&4	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	900
11	0	JP3	JMP, 2X3, 0.079"	OPT	0
12	1	JP4	JMP, 2X3, 0.100"	SAMTEC, TSW-103-07-L-D	225
13	0	JP5	JMP, 3X3, 0.100"	OPT	0
14	1	J1	HEADER, 2X20PIN, 0.100CC	SAMTEC, TSW-120-07-L-D	225
15	0	J2	CON., SMA 50-OHM EDGE-LANCH		0
16	1	J3	CONN, SMA, 5 PINS GOLD,CON-SMA	AMPHENOL CONNEX, 132357	225
17	2	RN1,RN2	RES ARRAY, 33 OHM, 5%, 0402	VISHAY, CRA04S0803330JRT7	450
18	13	R1,R3,R4,R6,R8,R10,R11,R13,R17,R21,R25,R28,R32	RES, 49.9 OHMS 1% 1/16W, 0402	AAC CR05-49R9FM	2925
19	0	R2,R5,R9,R12,R19,R27	RES, 0603	OPT	0
20	2	R7,R34	RES, 33 OHMS 5% 1/16W, 0402	AAC CR05-330JM	450
21	8	R14,R15,R20,R23,R24,R26,R29,R30	RES, 499 OHMS 1% 1/16W, 0402	AAC CR05-4990FM	1800
22	5	R16,R18,R33,R44,R45	RES, 1K OHMS 1% 1/16W, 0402	AAC CR05-1001FM	1125
23	1	R22	RES, 1.0 OHMS 5% 1/16W, 0402	AAC CR05-1R0JM	225
24	2	R31,R43	RES, 10 OHMS 5% 1/16W, 0402	AAC CR05-100JM	450
25	0	R35,R36	RES, 0402	OPT	0
26	2	R38,R37	RES, 4.7K OHMS 1% 1/16W, 0402	AAC CR05-4701FM	450
27	1	R39	RES, 100K OHMS 1% 1/16W, 0402	AAC CR05-1003FM	225
28	3	R40,R41,R42	RES, 4.99K OHMS 1% 1/16W, 0402	AAC CR05-4991FM	675
29	1	U1	IC, LTC2351CUH-14, QFN32UH-5X5	LINEAR TECH., LTC2351CUH-14	225
30	1	U2	IC, LT1761ES5-2.5, SOT23-5	LINEAR TECH., LT1761ES5-2.5	225
31	1	U3	IC, LT1761ES5-3.3, SOT23-5	LINEAR TECH., LT1761ES5-3.3	225
32	1	U4	IC, 74LCX245BQX, DQFN20	FAIRCHILD, 74LCX245BQX	225
33	0	U5	IC, UHS SINGLE SPST BUS SWITCH, SC70-5	OPT	0
34	0	U6	IC, LTC6905CS5, SOT23-5	OPT	0
35	2	U10,U7	IC, ULP-A UNBUFFERED INVERTER, SC70-5	FAIRCHILD, NC7SVU04P5X	450

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				NUMBER OF BOARDS =	225
36	1	U8	IC, 24LC025,TSSOP-8	MICROCHIP, 24LC025-I /ST	225
37	1	U9	IC, SINGLE D FLIP FLOP, US8	ON SEMI., NL17SZ74	225
38	4	STAND-OFFS ON BOTTOM SIDE	STAND-OFF, NYLON (SNAP ON), 0.25" TALL	KEYSTONE, 8831(SNAP ON)	900
39	1	STENCIL	STENCIL FOR TOP SIDE ONLY	DC1278A	1