

Linear Technology Corporation

LTC2442CG

4-CHANNEL, HIGH SPEED, 24-BIT ADC WITH BUFFER

ENG: MARK THOREN (25-30)

BILL OF MATERIALS

DC979A

QTY-175

12/1/2005

3:39 PM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	175
1	7	C1,C4,C11-C15	CAP., X7R 0.1UF 16V, 20%, 0402	TDK, C1005X7R1C104M	1225
2	8	C2,C5,C7,C8,C9,C16,C17,C21	CAP., X5R 4.7UF 10V, 20%, 0603	TDK, C1608X5R0J475M	1400
3	3	C3,C6,C10	CAP., X7R 0.01UF 25V, 10%,0402	AVX, 04023C103KAT1A	525
4	3	C18,C19,C20	CAP., X5R 2.2UF 10V, 20%, 0805	TDK, C2012X5R1A225M	525
5	3	D1,D2,D3	DIODE, SCHOTTKY, SOT23	DIODE INC., BAT54S	525
6	16	E1-E16	TESTPOINT, TURRET, .064"	MILL-MAX, 2308-2	2800
7	7	JP1-JP7	JMP, 3PIN 1 ROW .079CC	SAMTEC, TMM-103-02-L-S	1225
8	7	FOR JP1-JP7 PIN 1&2	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	1225
9	0	JP8	JMP, 2PIN 1 ROW .100CC	COMM CON., 3801S-02G2	0
10	1	J1	HEADER, 2X7PIN, 0.079CC	MOLEX, 87831-1420	175
11	0	J2	CONN, 5 PIN GOLD, STRAIGHT	CONNEX, 132134	0
12	0	R1	RES, 0402	OPT	0
13	3	R2,R3,R4	RES., CHIP 4.99K 1/16W 1%,0402	AAC, CR05-4991FM	525
14	1	R5	RES., CHIP 100 1/16W 5%,0402	VISHAY CRCW0402101J	175
15	2	R6,R13	RES., CHIP 10K 1/16W 5%,0402	AAC, CR05-103JM	350
16	1	R7	RES., CHIP 51 1/16W 5%,0402	AAC, CR05-510JM	175
17	4	R8,R9,R10,R12	RES., CHIP 0 1/16W 5%,0805	AAC, CJ10-000M	700
18	0	R11	RES., CHIP 0 1/16W 5%,0805	OPT	0
19	1	U1	I.C., LTC2442CG, SSOP36G	LINEAR TECH., LTC2442CG	175
20	1	U2	I.C., LT1236ACS8-5, SO8	LINEAR TECH., LT1236ACS8-5	175
21	1	U3	I.C., 24LC025, TSSOP8	MICROCHIP, 24LC025-I/ST	175
22	1	U4	IC, NON-INVERTING MULTIPLEXER, SC70	FAIRCHILD, NC7SZ157P6X	175
23	1	U5	IC, SINGLE D FLIP-FLOP, US8	ON SEMI., NL17SZ74US	175
24	1	U6	I.C., LTC1983ES6-5, SOT23-6	LINEAR TECH., LTC1983ES6-5	175
25	1	FOR INVENTORY ONLY	CABLE ASSY, 8" STRIP	LINEAR RIBBON CABLE CA-2440	175
26	1	STENCIL		DC979A	1