

# Linear Technology Corporation

LTC2412CGN

2 CHANNEL 24-BIT DIFFERENTIAL ADC

ENG: MARK THOREN (25-30)

**BILL OF MATERIALS**

**DC746A**

**QTY-175**

2/20/2004

11:26 AM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>175</b>
1	4	C1,C2,C6,C7	CAP., X7R 0.1UF 16V,0603	AVX, 0603YC104MAT1A	700
2	2	C3	CAP., X5R 4.7UF 6.3V, 20%, 0805	TAIYO YUDEN, JMK212BJ475MGT	350
3	1	C4	CAP., X5R, 10UF 6.3V, 20%, 0805	TDK, C2012X5R0J106M	175
4	1	C5	CAP., X7R 0.01UF 16V 10%,0603	AVX, 0603YC103KAT1A	175
5	11	E1-E11	TESTPOINT, TURRET, .094"	MILL-MAX, 2501-2	1925
6	4	JP1,JP2,JP3,JP4	JMP, 3PIN 1 ROW .079CC	COMM-CON, 2802S-03-G1	700
7	4	SHUNTS FOR JP1-JP4	SHUNT, .079" CENTER	COMM-CON CCIJ2MM-138G	700
8	0	<b>JP5</b>	<b>JMP, HD1X2-079</b>	<b>OPT</b>	<b>0</b>
9	1	J1	HEADER, 2X7PIN, 0.079CC	MOLEX, 87331-1420	175
10	3	R1,R5,R6	RES., CHIP 4.99K 1/16W 1%,0603	AAC, CR16-4991FM	525
11	1	R2	RES., CHIP 100 1/16W 5%,0603	AAC, CR16-101JM	175
12	0	<b>R3</b>	<b>RES, 0603</b>	<b>OPT</b>	<b>0</b>
13	1	R4	RES., CHIP 10K 1/16W 5%,0603	AAC, CR16-103JM	175
14	1	U1	I.C., LTC2412CGN, SSOP16GN	LINEAR TECH., LTC2412CGN	175
15	1	U2	I.C., LT1236ACS8-5, SO8	LINEAR TECH., LT1236ACS8-5	175
16	1	U3	I.C., NC7SZ157P6X, SC70-6P	FAIRCHILD SEMI., NC7SZ157P6X	175
17	1	U4	I.C., NL17SZ74US, US8	ON SEMI., NL17SZ74US	175
18	1	U5	I.C., 24LC025, TSSOP8	MICROCHIP, 24LC025	175
19	1	FOR INVENTORY ONLY	CABLE, CA-2440		175
		<b>NOTES: UNLESS OTHERWISE SPECIFIED</b>			
		<b>1. ALL RESISTORS ARE IN OHMS.</b>			
		<b>2. INSTALL SHUNTS ON JP1-JP4 PIN 1 AND 2.</b>			