

# Linear Technology Corporation

LTC2418CGN

8-CHANNEL DIFFERENTIAL 24-BIT ADC

ENG: MARK T. (25-30)

**BILL OF MATERIALS**

**DC571A-1**

**QTY-175**

1/9/03

9:47 AM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>175</b>
1	1	C1	CAP., X5R, 10UF 6.3V, 20%, 0805	TDK, C2012X5R0J106M	175
2	1	C2	CAP., X7R 0.01UF 16V 10%,0603	AVX, 0603YC103KAT1A	175
3	1	C3	CAP., X5R 4.7UF 6.3V, 20%, 0805	TAIYO YUDEN, JMK212BJ475MGT	175
4	5	C4,C5,C6,C7,C8	CAP., X7R 0.1UF 16V,0603	AVX, 0603YC104MAT1A	875
5	26	E1-E26	TESTPOINT, TURRET, 0.064"	MILL-MAX, 2308-2	4550
6	5	JP1,JP2,JP3,JP4,JP5	JMP, 3PIN 1 ROW .079CC	COMM-CON, 2802S-03-G1	875
7	5	SHUNTS FOR JP1-JP5	SHUNT, .079" CENTER	COMM-CON CCIJ2MM-138G	875
8	1	J1	HEADER, 2X7PIN, 0.079CC	MOLEX, 87331-1420	175
9	0	R1	RES., 0603	OPT	0
10	1	R2	RES., CHIP 100 1/16W 5%,0603	AAC, CR16-101JM	175
11	2	R3,R4	RES., CHIP 4.99K 1/16W 1%,0603	AAC, CR16-4991FM	350
12	1	R5	RES., CHIP 10K 1/16W 5%,0603	AAC, CR16-103JM	175
13	1	U1	I.C., LTC2418CGN, SSOP16GN	LINEAR TECH., LTC2418CGN	175
14	1	U2	I.C., NC7SZ157P6X, SC70-6P	FAIRCHILD SEMI., NC7SZ157P6X	175
15	1	U3	I.C., 24LC025, TSSOP8	MICROCHIP, 24LC025	175
16	1	U4	I.C., NL17SZ74US, US8	ON SEMI., NL17SZ74US	175
17	1	U5	I.C., LT1236ACS8-5, SO8	LINEAR TECH., LT1236ACS8-5	175
		<b>NOTES: UNLESS OTHERWISE SPECIFIED</b>			
		<b>1. ALL RESISTORS ARE IN OHMS.</b>			
		<b>2. INSTALL SHUNTS ON JP1-JP5 PIN 1 AND 2.</b>			