

# Linear Technology Corporation

## LTC2481CDD

16-BIT DELTA SIGMA ADC WITH PGA AND I2C INTERFACE

ENG: MARK THOREN (25-30)

**BILL OF MATERIALS**

**DC951A**

**QTY-175**

12/5/2005 3:57 PM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>175</b>
1	3	C1,C6,C7	CAP., X7R 0.1UF 16V, 20%, 0402	TDK, C1005X7R1C104M	525
2	2	C2,C3	CAP., X5R 4.7UF 6.3V, 20%, 0603	TDK, C1608X5R0J475M	350
3	1	C4	CAP., X5R, 1UF 6.3V, 20%, 0402	TDK, C1005X5R0J105M	175
4	1	C5	CAP., X7R 0.01UF 25V, 10%,0402	AVX, 04023C103KAT1A	175
5	9	E1-E9	TESTPOINT, TURRET, .064"	MILL-MAX, 2308-2	1575
6	4	JP1,JP2,JP3,JP4	JMP, 3PIN 1 ROW .079CC	SAMTEC, TMM-103-02-L-S	700
7	4	SHUNTS FOR JP1-JP4 PIN 1&2	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	700
8	1	J1	HEADER, 2X7PIN, 0.079CC	MOLEX, 87331-1420	175
9	3	R1,R3,R4	RES., CHIP 4.99K 1/16W 1%,0402	AAC, CR05-4991FM	525
10	1	R2	RES., CHIP 1 1/16W 5%,0402	AAC, CR05-1R0JM	175
11	1	U1	I.C., LTC2481CDD, DFN10DD	LINEAR TECH., LTC2481CDD	175
12	1	U2	I.C., LT1790ACS6-5, SOT23-6	LINEAR TECH., LT1790ACS6-5	175
13	1	U3	I.C., 24LC025, TSSOP8	MICROCHIP, 24LC025-I/ST	175
14	1	U4	I.C., LT1236ACS8-5, SO8	LINEAR TECH., LT1236ACS8-5	175
15	1	FOR INVENTORY ONLY	CABLE ASSY, 8" STRIP	LINEAR RIBBON CABLE CA-2440	175
16	1		STENCIL	DC951A	1