

Linear Technology Corporation

LTC1420CGN

12-BIT 10Msps ADC
ENG: RICH R.

BILL OF MATERIALS

DC552A

QTY- 125

2/26/03

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	125
1	6	C1-C5,C12	CAP., Y5V 1uF 10V 20%,0603	AVX 0603ZG105MAT1A	750
2	1	C6	CAP., NPO 470PF 25V 20%,0603	AVX 06033A471MAT1A	125
3	5	C7-C11	CAP., X7R 0.1uF 16V 10%,0805	AVX 0805YC104KAT1A	625
4	1	D1	DIODE, .5A 20V SCHOTTKY, SOD123	DIODES, B0520LW	125
5	7	E1-E7	TESTPOINT, TURRET, .090"	MILL-MAX 2501-2	875
6	3	JP1-JP3	JMP,2 PINS, .100"CC	COMM CON 3801S-02G2	375
7	3	JP4-JP6	JMP,3 PINS, .100"CC	COMM CON 3801S-03G2	375
8	4	SHUNTS FOR JP3-JP6	SHUNT, 2PINS, 100CC	COMM CON CCIJ230-G	500
9	3	J1-J3	CONN, BNC 50-OHM, PCB-VERTICAL	CONNEX 112404	375
	3	OR	CONN, SMB-STRAIGHT GOLD	CONNEX 142138	375
10	1	J4	CON, HDR, .1 X .1 CNTRS, 40PIN	COMM CON CONN. 3201S-40G1	125
11	5	RN1-RN5	RES 2X4 ARRAY, CHIP, 33 OHM, ISO	AAC, CRN16-4V-330JBM	625
12	0	R15, R16	RES, CHIP 51 OHMS, 1/16W, 5%,0805	OPT	0
13	1	R17	RES, CHIP 51 OHMS, 1/16W, 5%,0805	AAC CR10-510JM	125
14	1	R18	RES, CHIP 20 OHMS 1/16W 5%,0805	AAC CR10-200JM	125
15	2	R19,R20	RES, JMP 0 OHMS 5%,0805	AAC CJ10-000JM	250
17	1	U1	IC, LTC1420CGN, 28 PINS, SSOP28GN	LINEAR TECH. LTC1420CGN	125
18	1	U2	IC, 74ACT16373DL, 48 PINS, SOP48	TEXAS INS. 74ACT16373DL	125
19	1	U3	IC, NC7S04M5, 5 PINS, SOT23-5	FAIRCHILD NC7S04M5	125
20	4		SCREW, #4-40, 1/4"	ANY	500
21	4		STANDOFF, #4-40 1/4"	MICRO PLASTICS 14HTSP101	500
		NOTES: UNLESS OTHERWISE SPECIFIED			
		1. BREAK BOARDS FROM PANEL WHEN ASSEMBLY IS COMPLETE.			
		2. OPT ARE UNSTUFFED COMPONENTS AND SHOULD BE FREE OF SOLDER AFTER ASSEMBLY.			
		3. INSTALL STANDOFF COMPONENTS AT 4 CORNERS OF EACH BOARD ON BOTTOM SIDE.			
		4. INSTALL SHUNTS ON JP3-JP6 PIN 1 AND 2.			