

Linear Technology Corporation

LTC2755CUP-16

QUAD, PARALLEL, IOUT, 16-BIT DAC

ENG: MARK THOREN (25-30)

BILL OF MATERIALS

DC1112A-1

QTY-125

5/22/2008 10:31 AM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	125
1	6	C1,C4,C9,C12,C15,C18	CAP., X7R, 0.1UF 25V 20%,0805	TDK, C2012X7R1E104M	750
2	4	C2,C8,C13,C14	CAP, NP0, 30pF 50V, 5%,0402	AVX, 04025A300JAT2A	500
3	7	C3,C5,C11,C16,C21,C22,C23	CAP., X5R, 0.1UF 25V 20%,0402	TDK, C1005X5R1E104M	875
4	2	C6,C17	CAP., X5R, 0.01UF 25V 20%,0402	TDK, C1005X5R1E103M	250
5	4	C7,C10,C19,C20	CAP., X5R, 10UF 25V 20%,1206	TDK, C3216X5R1E106M	500
6	3	C24,C25,C26	CAP, NP0, 100pF 50V, 5%,0402	AVX, 04025A101JAT2A	375
7	3	D1,D2,D3	DIODE,SCHOTTKY, SOT23	DIODES INC., BAT54C-7-F	375
8	18	E1-E18	TESTPOINT, TURRET, 0.064"	MILL-MAX, 2308-2	2250
9	1	JP1	JMP, 2X20, 0.100"	SAMTEC, TSW-120-07-L-D	125
10	3	JP2,JP3,JP4	JMP, 2X3, 0.079"	SAMTEC, TMM-103-02-L-D	375
11	5	JP5,JP6,JP7,JP8,JP9	JMP, 3PIN 1 ROW .079CC	SAMTEC, TMM-103-02-L-S	625
12	11	SHUNTS ON JP2-JP4(1&3, 2&4), JP5-JP9(1&2)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	1375
13	1	J1	HEADER, 2X7PIN, 0.079CC	MOLEX, 87831-1420	125
14	8	R1,R2,R3,R4,R5,R9,R11,R12	RES., Chip 4.99K 1/16W 1%,0402	AAC, CR05-4991FM	1000
15	2	R6,R7	RES., Chip 1K 1/16W 5%,0402	AAC, CR05-102JM	250
16	4	R8,R14,R15,R16	RES., Chip 100 1/16W 5%,0402	AAC, CR05-101JM	500
17	2	R13,R10	RES., Chip 20K 1/16W 5%,0402	AAC, CR05-203JM	250
18	1	U1	I.C., LTC2755CUP-16, QFN64UP	LINEAR TECH., LTC2755CUP-16	125
19	3	U2,U5,U7	I.C., LT1469CS8, SO8	LINEAR TECH., LT1469CS8	375
20	4	U3,U4,U6,U9	I.C., 74VHC595MTC, TSSOP16	FAIRCHILD SEMI., 74VHC595MTCX	500
21	1	U8	I.C., LT1236ACS8-5, SO8	LINEAR TECH., LT1236ACS8-5	125
22	1	U10	I.C., NC7SZ14P5X, SC70-5	FAIRCHILD SEMI., NC7SZ14P5X	125
23	1	U11	I.C., Serial EEPROM, TSSOP8	MICROCHIP, 24LC025-I /ST	125
24	4	MTG 4 CORNERS	STAND-OFF, NYLON (SNAP ON), 0.25" TALL	KEYSTONE, 8831(SNAP ON)	500
25	2		STENCILS BOTH SIDES	DC1112A-1	2