

# Linear Technology Corporation

LTC2753CUK-16

DUAL, PARALLEL, IOUT, 16-BIT DAC

ENG: MARK THOREN (25-30)

**BILL OF MATERIALS**

**DC1111A-1**

**QTY-125**

9/24/2007 9:57 AM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>125</b>
1	4	C1,C4,C25,C26	CAP., X7R, 0.1UF 25V 20%,0805	TDK, C2012X7R1E104M	500
2	0	C2,C6,C24	CAP., 0402	OPT	0
3	7	C3,C5,C11,C16,C21,C22,C23	CAP., X5R, 0.1UF 25V 20%,0402	TDK, C1005X5R1E104M	875
4	4	C7,C10,C19,C20	CAP., X5R, 10UF 25V 20%,1206	TDK, C3216X5R1E106M	500
5	3	C27,C28,C29	CAP, NP0, 100pF 50V, 5%,0402	AVX, 04025A101JAT2A	375
6	3	D1,D2,D3	DIODE,SCHOTTKY, SOT23	DIODES INC., BAT54C-7-F	375
7	11	E1-E11	TESTPOINT, TURRET, 0.064"	MILL-MAX, 2308-2	1375
8	1	JP1	JMP, 2X20, 0.100"	SAMTEC, TSW-120-07-L-D	125
9	3	JP2,JP3,JP4	JMP, 2X3, 0.079"	SAMTEC, TMM-103-02-L-D	375
10	2	JP5,JP6	JMP, 3PIN 1 ROW .079CC	SAMTEC, TMM-103-02-L-S	250
11	8	SHUNTS ON JP2-JP4(1&3, 2&4), JP5-JP6(1&2)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	1000
12	1	J1	HEADER, 2X7PIN, 0.079CC	MOLEX, 87831-1420	125
13	8	R1,R2,R3,R4,R5,R9,R11,R12	RES., Chip 4.99K 1/16W 1%,0402	AAC, CR05-4991FM	1000
14	2	R6,R7	RES., Chip 1K 1/16W 5%,0402	AAC, CR05-102JM	250
15	4	R8,R14,R15,R16	RES., Chip 100 1/16W 5%,0402	AAC, CR05-101JM	500
16	2	R10,R13	RES., Chip 20K 1/16W 5%,0402	AAC, CR05-203JM	250
17	1	U1	I.C., LTC2753CUK-16, QFN48UK	LINEAR TECH., LTC2753CUK-16	125
18	2	U12,U2	I.C., LT1469CS8#PBF, SO8	LINEAR TECH., LT1469CS8#PBF	250
19	4	U3,U4,U6,U9	I.C., 74VHC595MTC, TSSOP16	FAIRCHILD SEMI., 74VHC595MTCX	500
20	1	U8	I.C., LT1236ACS8-5#PBF, SO8	LINEAR TECH., LT1236ACS8-5#PBF	125
21	1	U10	I.C., NC7SZ14P5X, SC70-5	FAIRCHILD SEMI., NC7SZ14P5X	125
22	1	U11	I.C., Serial EEPROM, TSSOP8	MICROCHIP, 24LC025-I /ST	125
23	4	MTG 4 CORNERS	STAND-OFF, NYLON (SNAP ON), 0.25" TALL	KEYSTONE, 8831(SNAP ON)	500
24	2		STENCILS BOTH SIDES	DC1111A-1	2