

# Linear Technology Corporation

LTM4618EV

ENG: SAM Y. (23-30)

**BILL OF MATERIALS**

**DC1472A-2**

**QTY- 525**

3/15/2010 4:55 PM

Item	Qty		Part Description	Manufacturer / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>525</b>
1	0	C1-C4,C16,C19,C21-C24	CAP, 0603	OPT	0
2	1	C5	CAP, 150uF 35V, ALUM	SANYO, 35ME150WXV+TS	525
3	2	C6,C7	CAP, X5R, 10uF 35V,1210	TAIYO YUDEN, GMK325BJ106MN-T	1050
4	0	C8,C9,C10,C11,C13	CAP, 1210	OPT	0
5	1	C12	CAP, X5R, 47uF 10V,1210	TDK, C3225X5R1A476M	525
6	1	C14	CAP, POSCAP, 330uF 6.3V, 7343	SANYO, 6TPC330MA	525
7	1	C15	CAP, X5R, 1uF 10V, 0805	AVX, 0805ZD105MAT2A	525
8	2	C17,C18	CAP, X5R, 1uF 10V, 0603	TAIYO YUDEN, LMK107BJ105MA-T	1050
9	1	C20	CAP, X7R, 0.1uF 16V, 0603	AVX, 0603YC104KAT2A	525
10	1	D1	DIODE, ZENER 350MW 4.7V,SOT23	DIODES INC., BZX84C4V7-7-F	525
11	10	E1-E10	TP, TURRET, 0.094", PBF	MILL-MAX, 2501-2-00-80-00-00-07-0	5250
12	3	JP1,JP2,JP4	JMP, 1X3, 0.079"	SAMTEC, TMM-103-02-L-S	1575
13	1	JP3	JMP, 1X4, 0.079"	SAMTEC, TMM-104-02-L-S	525
14	6	JP5,JP6,JP7,JP8,JP9,JP10	JMP, 1X2, 0.079"	SAMTEC, TMM-102-02-L-S	3150
15	4	J1,J2,J3,J4	JACK, BANANA	KEYSTONE, 575-4	2100
16	2	J5,J6	CONN,BNC,5 PINS	CONNEX, 112404	1050
17	1	Q1	XSTR,SUD50N03-10CP MOSFET	SILICONIX, SUD50N03-10CP	525
18	1	R1	RES., 121K 1/16W 1%,0603	VISHAY, CRCW0603121KFKEA	525
19	1	R2	RES., 100K 1/16W 1%,0603	VISHAY, CRCW0603100KFKEA	525
20	4	R3,R7,R11,R15	RES., 10K 1/16W 1%,0603	VISHAY, CRCW060310K0FKEA	2100
21	1	R4	RES., 3.16K 1/16W 1%,0603	VISHAY, CRCW06033K16FKEA	525
22	1	R5	RES., 60.4K 1/16W 1%,0603	VISHAY, CRCW060360K4FKEA	525
23	0	R6,R8,R10,R12	RES, 0603	OPT	0
24	1	R9	RES, 0.01 OHM 5% 1W, 2512	IRC, LRC-LRF2512LF-01-R010-J	525
25	1	R13	RES., CHIP, 0, 1/16W, 0603	VISHAY, CRCW06030000Z0EA	525
26	1	R14	RES., 69.8K 1/16W 1%,0603	VISHAY, CRCW060369K8FKEA	525
27	1	R16	RES., 48.7K 1/16W 1%,0603	VISHAY, CRCW060348K7FKEA	525
28	1	R17	RES., 28.7K 1/16W 1%,0603	VISHAY, CRCW060328K7FKEA	525
29	1	R18	RES., 19.1K 1/16W 1%,0603	VISHAY, CRCW060319K1FKEA	525
30	1	R19	RES., 11.5K 1/16W 1%,0603	VISHAY, CRCW060311K5FKEA	525
31	1	U1	IC, LTM4618EV	LINEAR TECH., LTM4618EV	525
32	5	SHUNTS ON JP1-JP4 & JP6 (PINS 1&2)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	2625
33	4		STANDOFF, SNAP ON, 0.50"	KEYSTONE, 8833	2100
34	2		STENCIL	DC1472A-2	2