

REQUIRED CIRCUIT COMPONENTS:				
Item	Qty	Reference	Part Description	Manufacturer / Part #
1	1	C5	CAP, 150uF 35V, ALUM	SANYO, 35ME150WXV+TS
2	2	C6,C7	CAP, X5R, 10uF 35V,1210	TAIYO YUDEN, GMK325BJ106MN-T
3	1	C12	CAP, X5R, 47uF 10V,1210	TDK, C3225X5R1A476M
4	1	C14	CAP, POSCAP, 330uF 6.3V, 7343	SANYO, 6TPC330MA
5	1	C15	CAP, X5R, 1uF 10V, 0805	AVX, 0805ZD105MAT2A
6	1	C20	CAP, X7R, 0.1uF 16V, 0603	AVX, 0603YC104KAT2A
7	1	R1	RES., 121K 1/16W 1%,0603	VISHAY, CRCW0603121KFKEA
8	4	R3,R11	RES., 10K 1/16W 1%,0603	VISHAY, CRCW060310K0FKEA
9	1	R4	RES., 3.16K 1/16W 1%,0603	VISHAY, CRCW06033K16FKEA
10	1	R5	RES., 60.4K 1/16W 1%,0603	VISHAY, CRCW060360K4FKEA
11	1	R14	RES., 69.8K 1/16W 1%,0603	VISHAY, CRCW060369K8FKEA
12	1	R16	RES., 48.7K 1/16W 1%,0603	VISHAY, CRCW060348K7FKEA
13	1	R17	RES., 28.7K 1/16W 1%,0603	VISHAY, CRCW060328K7FKEA
14	1	R18	RES., 19.1K 1/16W 1%,0603	VISHAY, CRCW060319K1FKEA
15	1	R19	RES., 11.5K 1/16W 1%,0603	VISHAY, CRCW060311K5FKEA
16	1	U1	IC, LTM4618EV	LINEAR TECH., LTM4618EV LGA
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
1	0	C1-C4,C16,C19,C21-C24	CAP, 0603 Optional	
2	0	C8,C9,C10,C11,C13	CAP, 1210 Optional	
3	2	C17,C18	CAP, X5R, 1uF 10V, 0603	TAIYO YUDEN, LMK107BJ105MA-T
4	0	R6,R8,R10,R12	RES, 0603 Optional	
5	4	R7	RES., 10K 1/16W 1%,0603	VISHAY, CRCW060310K0FKEA
6	1	R9	RES, 0.01 OHM 5% 1W, 2512	IRC, LRC-LRF2512LF-01-R010-J
7	1	R15	RES., 10K 1/16W 1%,0603	VISHAY, CRCW060310K0FKEA
8	1	R2	RES., 100K 1/16W 1%,0603	VISHAY, CRCW0603100KFKEA
9	1	R13	RES., CHIP, 0, 1/16W, 0603	VISHAY, CRCW06030000Z0EA
10	1	D1	DIODE, ZENER 350MW 4.7V,SOT23	DIODES INC., BZX84C4V7-7-F
11	1	Q1	XSTR,SUD50N03-10CP MOSFET	SILICONIX, SUD50N03-10CP
HARDWARE				
1	10	E1-E10	TP, TURRET, 0.094", PBF	MILL-MAX, 2501-2-00-80-00-00-07-0
2	3	JP1,JP2,JP4	JMP, 1X3, 0.079"	SAMTEC, TMM-103-02-L-S

Linear Technology Corporation

LTM4618EV

ENG: SAM Y. (23-30)

BILL OF MATERIALS

DC1472A-2

QTY- 525

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<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>
3	1	JP3	JMP, 1X4, 0.079"	SAMTEC, TMM-104-02-L-S
4	6	JP5,JP6,JP7,JP8,JP9,JP10	JMP, 1X2, 0.079"	SAMTEC, TMM-102-02-L-S
5	4	J1,J2,J3,J4	JACK, BANANA	KEYSTONE, 575-4
6	2	J5,J6	CONN,BNC,5 PINS	CONNEX, 112404
7	5	JP1-JP4, JP6	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G
8	4	4 Corners	STANDOFF, SNAP ON, 0.50"	KEYSTONE, 8833