

Linear Technology Corporation

LTC4417CUF

Bill Of Materials

Demo Bd. #1717A-3

QTY- 150

12/11/2012 1:21 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	150
1	0	C1,C3,C5,C8	Cap., 1206	OPT	0
2	0	C2,C4,C6,C9	Cap., 2220	OPT	0
3	1	C7	CAP., ALUM., 47µF 50V 20% SMT	SUN ELECT., 50CE47BS	150
4	5	C10,C11,C12,C13,C15	Cap., X5R, 1µF 50V, 10%, 0603	MURATA, GRM188R61H105KAALD	750
5	1	C14	Cap., X5R 10µF 10V 20% 0805	Taiyo Yuden LMK212BJ106MG -T	150
6	1	C16	Cap., X7R 10nF 10V 20% 0805	Taiyo Yuden EMK105BJ103MG-T	150
7	3	C17,C18,C19	Cap., X7R 0.1µF 50V 10% 0805	Taiyo Yuden UMK212BJ104KG-T	450
8	3	C20,C21,C22	Cap., X7R 0.047µF 50V, 10%, 0805	MURATA, GRM21BR71H473KA01L	450
9	3	D1,D2,D3	DIODE, TVS Bi-Directional, 26V, 600W	Diodes/Zetex SMBJ26CA-13-F	450
10	0	D7	Zener Diode, 5.1V SOD-123	OPT	0
11	8	D8-D12,D16,D17,D18	LED, GREEN	PANASONIC LN1351CTR	1200
12	3	D13,D14,D15	DIODE, SCHOTTKY,SOD323	VISHAY SEMI., BAT42WS-V-GS08	450
13	9	E1-E4,E6,E13-E16	TURRET, 0.094"	MILL-MAX 2501-2-00-80-00-00-07-0	1350
14	6	E7,E8,E9,E10,E11,E12	TURRET, 0.063"	MILL-MAX 2308-2-00-80-00-00-07-0	900
15	3	JP1,JP2,JP3	Headers, Sgl. Row 3 Pins 2mm Ctrs.	Samtec TMM-103-02-L-S	450
16	3	SHUNTS ON JP1-JP3 (1&2)	Shunt, 2mm Ctrs.	Samtec 2SN-BK-G	450
17	6	J1,J2,J3,J4,J5,J6	JACK, BANANA	KEYSTONE 575-4	900
18	3	Q1,Q2,Q3	Dual P-Chan., 40V POWERPAK1212-8-DUAL	Vishay Si7905DN-T1-GE3	450
19	0	Q4,Q5,Q6,Q7,Q8,Q9	Mosfet P-Chan., 40V, FDD4685, DPAK	OPT	0
20	1	Q10	XTOR N-Chan., SOT23	DIODE INC., MMBTA42-7-F	150
21	1	Q11	XTOR N-Chan., SOT23	DIODE INC., MMBT3904-7-F	150
22	1	R4	RES., Chip 1.69M 0.125W 1% 0805	VISHAY, CRCW08051M69FKEA	150
23	3	R5,R8,R12	RES., Chip 69.8K 0.125W 1% 0805	VISHAY, CRCW080569K8FKEA	450
24	3	R6,R9,R13	RES., Chip 130K 0.125W 1% 0805	NIC, NRC10F1303TRF	450
25	1	R7	RES., Chip 590K 0.125W 1% 0805	VISHAY, CRCW0805590KFKEA	150
26	1	R10	RES., Chip 1.05M 0.125W 1% 0805	VISHAY, CRCW08051M05FKEA	150
27	1	R11	RES., Chip 127K 0.1W 1% 0603	VISHAY, CRCW0603127KFKEA	150
28	7	R14-R16,R20-R22,R29	RES., Chip 1K 0.1W 5% 0603	VISHAY, CRCW06031K00JNEA	1050
29	0	R17	RES., Chip 845K 0.1W 1% 0603	OPT	0
30	0	R18	RES., Chip 115K 0.06W 1% 0603	OPT	0
31	1	R19	RES., Chip 30.9K 0.1W 1% 0603	VISHAY, CRCW060330K9FKEA	150
32	3	R23,R26,R28	RES., Chip 249 0.1W 1% 0603	VISHAY, CRCW060249RFKEA	450
33	5	R30,R31,R32,R33,R36	RES., Chip 100K 0.1W 5% 0603	NIC, NRC06J104TRF	750
34	1	R34	RES., Chip 68K 0.25W 5% 1206	NIC, NRC12J683TRF	150

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				NUMBER OF BOARDS =	150
35	1	R35	RES., Chip 240 0.25W 1% 1206	VISHAY, CRCW1206240RFKEA	150
36	1	U1	I.C., PowerPath Controller, QFN24UF-4X4	Linear Technology Corp. LTC4417CUF	150
37	3	U2,U3,U5	I.C., Tripple 3-Input NOR Gate TSSOP14	NXP/Philips Semi. 74HC27PW	450
38	1	U4	I.C., Low Dropout Reg. TSOT23-8	Linear Tech. Corp. LT3060ETS8-5	150
39	4	MH1-MH4	STANDOFF, NYLON, 0.50, 1/2"	KEYSTONE, 8833 (SNAP ON)	600
40	2		STENCILS (TOP & BOTTOM)	STENCIL 1717A-3	2