Linear Technology Corporation

LT3645EMSE/LT3645AEDDB

Bill Of Material
Demo Bd. #1428A
QTY- 325
3/29/2011

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty	Pkg Qty	Balance
				NUMBER OF BOARDS =	***200***		
1	3	C1,C11,C12	Cap., X7R, 0.1uF, 10V, 10%, 0603	AVX, 0603ZC104KAT2A	600	2300	1700
2	1	C2	Cap., Alum. Elec. 10uF, 63V	SUNCON, 63CE10BS			
3	1	C3	Cap., X7R, 1uF, 50V, 10%, 1206	MURATA, GCM31MR71H105KA55L	200	700	500
4	1	C4	Cap., X5R, 10uF, 6.3V, 0805	AVX, 08056D106MAT2A	200	1380	1180
5	1	C5	Cap., X5R, 2.2uF, 6.3V, 10%, 0603	AVX, 06036D225KAT2A	650	800	150
6	0	C13(OPT)	Cap., 0402				
7	1	D1	Schottky Barrier Rect., 1.0Amp, powerDI323	Diodes Inc. PD3S140	200	670	470
8	7	E1-E7	Testpoint, Turret, .094"	Mill-Max, 2501-2-00-80-00-00-07-0	1400	4250	2850
9	2	JP1,JP2	Header, 3Pin 1 Row .079CC	Samtec, TMM-103-02-LS	400	1500	1100
10	2	XJP1,XJP2	Shunt, .079" Center	Samtec, 2SN-BK-G	400	1500	1100
11	1	L1	Inductor 10uH	TAIYO YUDEN, NRH3012T100MN	200	347	147
12	2	R1,R4	Resistor, 10k, 1/16W, 5% 0402	Vishay, CRCW040210K0JNED	400	1600	1200
13	1	R2	Resistor, 31.6k, 1/16W, 1% 0402	Vishay, CRCW040231K6FKED	200	800	600
14	2	R3,R7	Resistor, 10k, 1/16W, 1% 0402		400	1600	1200
15	1	R5	Resistor, 21.5k, 1/16W, 1% 0402	Vishay, CRCW040221K5FKED	200	1000	800
16	1	R6	Resistor, 100k, 1/16W, 5% 0402	Vishay, CRCW04021003JKED	200	950	750
17	0	R8(OPT)	Resistor, 0402		0	1800	1800
18	1	U1	IC., LT3645EMSE	Linear Technology, LT3645EMSE	200		-200
19	1		FAB, PRINTED CIRCUIT BOARD	DEMO CIRCUIT 1428A	200		-200
20	2		STENCIL	STENCIL 1428A	2		-2