

Linear Technology Corporation
LT4320IDD#PBF

Bill Of Materials
Demo Bd. #1823B
10/13/2015 10:46 AM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	425
1	1	C1	CAP., 1uF, X7S, 100V, 10%, 0805	TDK, C2012X7S2A105K125AB	425
2	1	C2	CAP., 560uF, ALUM ELECT., 50V, 20%, 6.3x11.2, RADIAL, THT	PANASONIC, EEUFM1H561	425
3	1	D1	DIODE, ZENER, TVS UNIDIRECT, 45V, 400W, SMA	DIODES INC., SMAJ45A-13-F	425
4	1	D2	LED, GREEN, 3020 (1208), Typ.DW 560nm	ROHM, SML-012P8TT86	425
5	0	D3 (OPT)	DIODE, ZENER, TVS UNIDIRECT, 45V, 600W, SMB	DIODES INC., SMBJ45CA-13-F	0
6	4	E1,E2,E3,E4	TEST POINT, TURRET, 0.094",MTG. HOLE	MILL-MAX, 2501-2-00-80-00-00-07-0	1700
7	4	J1,J2,J3,J4	CONN., BANANA JACK, Female, 0.218",THT, Non-Insulated, Swage	KEYSTONE, 575-4	1700
8	1	J5	CONN., DC PWR JACK, MALE, 2mm, R/A, SMT, 5A	CUI INC., PJ-002AH-SMT	425
9	4	Q1,Q2,Q3,Q4	XSTR., OptiMOSTM3, PWR, N-CH, 60V,100A, PG-TDSON-8, RDS(on) max 3.1mOHMS	INFINEON, BSC031N06NS3 G	1700
10	1	R1	RES., 3k OHMS , 5%, 1W, 2512	VISHAY, CRCW25123K00JNEG	425
11	1	U1	I.C., Ideal Diode Bridge Controller, DFN8DD	LINEAR TECH., LT4320IDD#PBF	425
12	4	MH1,MH2,MH3,MH4	STANDOFF, NYLON, SNAP-ON, 0.50"	KEYSTONE, 8833	1700
13	2		STENCIL, DC1823B (TOP & BOTTOM)	STENCIL DC1823B-1	2