

Linear Technology Corporation

LT3686AEDD

37V, 1.2A BUCK REGULATOR

ENG: TIGER Z. (27-30)

BILL OF MATERIALS

DC1647A-1

QTY- 325

8/9/2010 1:58 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	325
1	1	C1	CAP., X5R, 0.22uF, 16V, 10%, 0402	TDK, C1005X7R1C224K	325
2	1	C2	CAP., ALUM., 10uF, 63V, C-SANYO-CE-BS-6.3X5.4	SANYO, 63CE10BS	325
3	1	C3	CAP., X7R, 2.2uF, 100V, 10%, 1210	MURATA, GRM32ER72A225KA35L	325
4	1	C4	CAP., X7R, 0.01uF, 25V, 10%, 0402	TDK, C1005X7R1E103K	325
5	0	C5	CAP., 0402	OPT	0
6	1	C6	CAP., X5R, 22UF 10V 10%, 1206	TAIYO YUDEN, LMK316ABJ226KLT	325
7	1	D2	DIODE, SCHOTTKY, POWERMITE	ON SEMI., MBRM140T1G	325
8	5	E1,E2,E3,E4,E5	TESTPOINT, TURRET, .094"	MILL-MAX, 2501-2-00-80-00-00-07-0	1625
9	1	JP1	HEADER 3 PIN 0.079 SINGLE ROW	SAMTEC, TMM103-02-L-S	325
10	1	SHUNT JP1 (1&2)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	325
11	1	L1	IND, 6.8uH, L-IHLP-2020BZ	VISHAY, IHLP-2020BZER6R8M01	325
12	2	R1,R6	RES., CHIP, 10K, 1/16W, 1% 0402	VISHAY, CRCW040210K0FKED	650
13	1	R2	RES., CHIP, 100K, 1/16W, 1% 0402	VISHAY, CRCW0402100KFKED	325
14	1	R3	RES., CHIP, 31.6K, 1/16W, 1% 0402	VISHAY, CRCW040231K6FKED	325
15	1	R4	RES., CHIP, 38.3K, 1/16W, 1% 0402	VISHAY, CRCW040238K3FKED	325
16	1	R7	RES., CHIP, 61.9K, 1/16W, 1% 0402	VISHAY, CRCW040261K9FKED	325
17	1	U1	I.C., LT3686AEDD, DFN10DD	LINEAR TECH., LT3686AEDD	325
18	1		STENCIL FOR TOP SIDE ONLY	STENCIL 1647A	1