

# Linear Technology Corporation

LT3437IFE

HIGH VOLTAGE 500mA 200kHz BUCK CONVERTER WITH BURST MODE

ENG: KEITH S. (27-30)

**BILL OF MATERIALS**

**DC1232A**

**QTY-400**

4/23/2007 10:57 AM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>400</b>
1	1	CIN	CAP., X7R, 2.2uF 100V, 1812	TDK, C4532X7R2A225K	400
2	1	C1	CAP., X7R, 1500pF 50V, 0402	AVX, 04025C152KAT2A	400
3	1	C2	CAP., X7R, 330pF 50V, 0402	AVX, 04025C331MAT2A	400
4	2	C3,C4	CAP., X7R, 0.1uF 16V, 0603	AVX, 0603YC104KAT	800
5	1	C5	CAP., NPO, 27pF 50V, 0402	AVX, 04025A270JAT2A	400
6	1	C6	CAP., TANT., 100uF 6.3V, 6032	AVX, TPSC107M006R0075	400
7	0	C7	CAP., TANT., 6032	OPT	0
8	1	D1	DIODE, 1N4448HWT, SOD523	DIODES INC., 1N4448HWT	400
9	1	D2	DIODE, SCHOTTKY BARRIER RECTIFIER 1.0A,SMA-DIODE	DIODES INC., B1100-13-F	400
10	6	E1,E2,E3,E4,E5,E6	TP TERMINAL, TURRET, 0.094"	MILL-MAX, 2501-2-00-80-00-00-07-0	2400
11	1	JP1	JMP, 3PIN 1 ROW, 0.079"	SAMTEC, TMM-103-02-L-S	400
12	1	SHUNT JP1(1&2)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	400
13	1	L1	IND., 100uH	SUMIDA, CDRH4D28-101	400
14	1	R1	RES., CHIP 200K 1/16W 1%, 0603	VISHAY, CRCW0603200KFKEA	400
15	2	R2,R5	RES., CHIP 24K 1/16W 1%, 0402	VISHAY, CRCW040224K0FKEA	800
16	1	R3	RES., CHIP 165K 1/16W 1%, 0402	VISHAY, CRCW0402165KFKEA	400
17	1	R4	RES., CHIP 100K 1/16W 1%, 0402	VISHAY, CRCW0402100KFKEA	400
18	1	U1	I.C., LT3437IFE, TSSOP16FE-BC-KS	LINEAR TECH., LT3437IFE	400