

Linear Technology Corporation

LT3971EMSE

38V, 1.2A, MICROPOWER BUCK REGULATOR

ENG: MOLLY Z. (27-30)

BILL OF MATERIALS

DC1527A

QTY- 425

11/9/2009 12:11 PM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	425
1	1	C1	CAP., X5R, 0.47UF 16V,0603	AVX, 0603YD474KAT	425
2	1	C2	CAP., ELECTROLYTIC, 22UF 50V	SANYO, 50CE22BS	425
3	1	C3	CAP., X7R, 4.7UF 50V, 1210	AVX, 12105C475M	425
4	1	C4	CAP., X5R, 22UF 10V,1210	TDK, C3225X5R1A226M	425
5	1	C5	CAP., NPO 10pF 50V 10%,0402	AVX, 04025A100KAT2A	425
6	0	C6	CAP., 0603	OPT	0
7	1	D1	DIODE, SCHOTTKY 2.0A, POWERDI123	DIODE INC., DFSL240L-7	425
8	8	E1,E2,E3,E4,E5,E6,E7,E8	TP, TURRET, 0.094", PBF	MILL-MAX, 2501-2-00-80-00-00-07-0	3400
9	2	JP1,JP2	JMP, 3PIN 1 ROW .079CC	SAMTEC, TMM-103-02-L-S	850
10	1	L1	IND., 4.7UH, L-IHLP-2020BZ	VISHAY, IHLP-2020BZER4R7M01	425
11	1	R1	RES., CHIP, 49.9K ,1%,0402	VISHAY, CRCW040249K9JNED	425
12	1	R2	RES., CHIP, 562K ,5%,0402	VISHAY, CRCW0402562KJNED	425
13	1	R3	RES., CHIP, 1M ,1%,0402	VISHAY, CRCW04021M00FKED	425
14	1	R4	RES., CHIP, 200K ,5%,0402	VISHAY, CRCW0402200KJNED	425
15	1	R5	RES., CHIP, 100K ,5%,0603	VISHAY, CRCW0603100KJNED	425
16	0	R6,R7	RES., 0603	OPT	0
17	1	U1	IC., LT3971EMSE, MSE10	LINEAR TECH., LT3971EMSE	425
18	2	SHUNTS FOR JP1(1&2),JP2 (2&3)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	850
19	1	STENCIL TOP SIDE ONLY		STENCIL 1527A	1