

Linear Technology Corporation

LT3680EMSE

3.5A, 36V STEP-DOWN SWITCHING REGULATOR WITH SYNC FUNCTION

ENG: KEVIN HUANG (23-30)

BILL OF MATERIALS

DC1149A

QTY- 525

10/8/2007 5:55 PM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	525
1	1	C1	CAP., X5R, 0.47UF 6.3V,0402	TAIYO YUDEN, JMK105BJ474MV-F	525
2	1	C2	CAP., ELECTROLYTIC, 22UF 50V	SANYO, 50CE22BS	525
3	1	C3	CAP., X7R, 4.7UF 50V, 1210	MURATA, GRM32ER71H475KA88L	525
4	1	C4	CAP., X5R, 47UF 10V,1206	TAIYO YUDEN, LMK316BJ476ML-T	525
5	1	C5	CAP., X7R, 0.1UF 50V,0603	TDK,C1608X7R1H104KAT	525
6	1	C6	CAP., X7R, 1000PF 50V,0402	AVX, 04025C102KAT	525
7	1	C7	CAP., X7R, 0.22UF 50V,0805	TAIYO YUDEN, UMK212BJ224MG	525
8	1	C8	CAP., X7R, 100PF 50V,0402	AVX, 04025C101KAT	525
9	1	D1	DIODE, SCHOTTKY 3A 40V, SMA-DIODE	ON SEMI., MBRA340T3	525
10	9	E1-E9	TP, TURRET, 0.094", PBF	MILL-MAX, 2501-2-00-80-00-00-07-0	4725
11	1	JP1	JMP, 4PIN 1 ROW .079CC	SAMTEC, TMM-104-02-L-S	525
12	1	JP2	JMP, 3PIN 1 ROW .079CC	SAMTEC, TMM-103-02-L-S	525
13	2	SHUNTS FOR JP1-JP2 (1&2)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	1050
14	1	L1	IND., 6.8UH, L-CDRH8D	SUMIDA, CDRH8D43NP-6R8NC	525
15	1	R1	RES., CHIP, 63.4K ,1%,0402	AAC, CR05-6342FM	525
16	1	R2	RES., CHIP, 110K ,5%,0402	AAC, CR05-114JM	525
17	1	R3	RES., CHIP, 590K ,1%,0402	AAC, CR05-5903FM	525
18	2	R4,R6	RES., CHIP, 100K ,5%,0402	AAC, CR05-104JM	1050
19	1	R5	RES., CHIP, 15K ,5%,0402	AAC, CR05-153JM	525
20	1	U1	IC., LT3680EMSE, MSE10	LINEAR TECH., LT3680EMSE	525
21	1	STENCIL TOP SIDE ONLY		STENCIL 1149A	1