

Linear Technology Corporation

LTC3416EFE

4A, MONOLITHIC, SYNCHRONOUS STEP-DOWN REGULATOR WITH TRACKING

ENG: RAYMOND ZHENG (23-30)

BILL OF MATERIALS

DC667A-1

QTY-325

1/20/2004

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				NUMBER OF BOARDS =	325
1	1	CFF	Cap., NPO 22pF 25V 10%	AVX 04023A220KAT2A	325
2	4	CIN1,CIN2, COUT1,COUT2	Cap., X5R 100uF 6.3V 20%,1210	TDK C3225X5R0J107M	1300
3	0	CIN3,COUT3 (OPT)	Cap., X5R 100uF 6.3V 20%,7343-1812	TDK C3225X5R0J107M or POSCAP 6TPE150M	0
4	0	CIN4 (OPT)	Cap., X5R,1210	OPT	0
5	1	CITH	Cap., X7R 820pF 25V 20%	AVX 04023C821MAT2A	325
6	1	C1	Cap., NPO 47pF 25V 10%	AVX 04023A470KAT2A	325
7	0	C2 (OPT)	Cap., NPO 39pF 25V 10%	AVX 04023A390KAT2A	0
8	2	JP1,JP2	Headers, 3 Pins 2mm Ctrs.	CommConn Con. Inc. 2802S-03G2	650
9	4	JP3,JP4,JP5,JP6	Jumper, 2pins 2mm Ctrs.	CommConn Con. Inc. 2802s-02g2	1300
10	3	SHUNTS FOR JP1,JP2,JP4	Shunt, 2 Pins 2mm Ctrs.	CommConn Con. Inc. CCIJ2MM-138G	975
11	1	L1	Inductor, 0.47uH	VISHAY IHLP-2525CZ-47	325
12	2	RFB1,R3	Res., Chip 255K 1/16W 1%	AAC CR05-2553FM	650
13	1	RFB2	Res., Chip 432K 1/16W 1%	AAC CR05-4323FM	325
14	1	RFB3	Res., Chip 634K 1/16W 1%	AAC CR05-6343FM	325
15	0	RFB4,RFB5	Jumper, Chip 0 1/16W 5%	OPT	0
16	1	RITH	Res., Chip 7.5K 1/16W 1%	AAC CR05-7501FM	325
17	1	RPG	Res., Chip 100K 0.06W 5%	AAC CR05-104JM	325
18	1	RSS	Res., Chip 2.2M 1/16W 5%	AAC CR05-225JM	325
19	1	RT	Res., Chip 294K 0.06W 1%	AAC CR05-2943FM	325
20	2	R1,R2	Res., Chip 200K 1/16W 1%	AAC CR05-2003FM	650
21	0	R4 (OPT)	Res., Chip 1K 0.06W 5%	AAC CR05-102JM	0
22	6	TP1-TP6	Turret, Testpoint	Mill Max 2501-2	1950
23	1	U1	I.C., Step-Down Reg., TSSOP20FE	Linear Tech. Corp. LTC3416EFE	325
24	4		SCREW, #4-40, 1/4"	ANY	1300
25	4		STANDOFF, #4-40 1/4"	MICRO PLASTICS 14HTSP101	1300
26	1	STENCIL FOR TOP SIDE			1