

# Linear Technology Corporation

## LTC3803ES6

HIGH EFFICIENCY SYNCHRONOUS NONISOLATED FLYBACK

ENG: GORAN PERICA (23-30)

# BILL OF MATERIALS

DC781A-1

QTY- 325

10/29/2004

9:51 AM

Item	Qty	Reference	Part Description	Manufacture / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>325</b>
1	1	CIN1	CAP., X7R, 1uF, 100V, 10%, 1210	TDK, C3225X7R2A105K	325
2	3	C01,C02,C03	CAP., X5R, 100uF, 6.3V, 20%, 1210	TDK, C3225X5R0J107M	975
3	1	C1	CAP., X7R, 1uF, 10V, 20%, 0805	Taiyo Yuden, LMK212BJ105MG	325
4	1	C2	CAP., X7R, 0.1uF, 50V, 10%, 0805	AVX, 08055C104KAT	325
5	1	C3	CAP., NPO, 1000pF, 50V, 10%, 0805	AVX, 08055A102KAT	325
6	0	D1,D2	DIODE, HIGH SPEED, BAS516, SOD523	OPT	0
7	1	D3	DIODE, HIGH SPEED, BAS516, SOD523	PHILIPS, BAS516	325
8	1	D4	DIODE, 8.2V, PDZ8.2B, SOD323	PHILIPS, PDZ8.2B	325
9	4	E1,E2,E3,E4	TESTPOINT, TURRET, .094"	MILL-MAX, 2501-2	1300
10	1	JP1	JMP, 3PIN 1 ROW .079CC	COMM-CON, 2802S-03-G1	325
11	1	SHUNT ON JP1 PIN 1 AND 2	SHUNT, .079" CENTER	COMM-CON CCIJ2MM-138GW	325
12	1	Q1	MOSFET, N-CH, FDC2512, SOT6	FAIRCHILD, FDC2512	325
		Q1 (OPT)	MOSFET, N-CH, SO8-POWERPAK	OPT	0
13	1	Q2	MOSFET, P-CH, Si9803DY, SO8-POWERPAK	VISHAY, Si9803DY	325
		Q2 (OPT)	MOSFET, P-CH, FDC602P, SOT6	OPT	0
14	1	Q3	XTOR, NPN, MMBTA42, SOT23	DIODE INC., MMBTA42-7	325
15	1	RCS	RES., CHIP, 0.082, 1%, 1206	THIN FILM, RL1632R-R082-F	325
16	1	RSC	RES., CHIP, 4.7k, 5%, 0805	AAC, CR10-472JM	325
17	1	R1	RES., CHIP, 560, 5%, 0805	AAC, CR10-561JM	325
18	1	R2	RES., CHIP, 0, 5%, 0805	AAC, CJ10-0R0JM	325
		R2 (OPT)	RES., CHIP, 100, 5%, 0805	OPT	0
19	1	R3	RES., CHIP, 34.8k, 1%, 0805	AAC, CR10-3482FM	325
20	1	R4	RES., CHIP, 8.06k, 1% 0805	AAC, CR10-8061FM	325
21	1	R5	RES., CHIP, 0, 0805	AAC, CJ10-000M	325
		R5 (OPT)	RES., CHIP, 10, 5%, 0805	OPT	0
22	1	R6	RES., CHIP, 25.5k, 1% 0805	AAC, CR10-2552FM	325
23	1	R7	RES., CHIP, 16.9k, 1% 0805	AAC, CR10-1692FM	325
24	2	R8,R9	RES., CHIP, 220K, 5%, 1206	AAC, CR18-224JM	650
25	0	R10	RES., 0805	OPT	0
26	1	T1	XFORMER, PA1006	PULSE, PA1006	325
27	1	U1	I.C., LTC3803ES6, SOT23-6	LINEAR., LTC3803ES6	325