

Bill Of Material
DC397A
2.2MHz, SOT-23 DC/DC CONVERTER

Printed: 4/25/02 9:36 AM

Rev.5

Qty 600

Item	Qty	Reference Designator	Part Description	Manufacture / Part No.
1	6	C1,C5,C8,C12,C14,C19	CAP, X5R, 1uF, 16V, 0805	TAIYO-YUDEN EMK212BJ105MG
2	2	C3,C10	CAP, NPO, 10pF, 25V, 10%, 0402	AVX 04023A100KAT1A
3	0	C16	CAP, OPT., 0402	OPT.
4	2	C7,C13	CAP, X7R, 1uF, 25V, 1206	MURATA GRM42-6X7R105K025
5	7	C2,C4,C9,C11,C15,C17,C18	CAP, X7R, 2.2uF 16V, 1206	MURATA GRM42-6X7R225K016
6	1	D1	DIO, SCHOTTKY, 40V, SOD323	ZETEX ZHCS400
7	2	D2,D3	DIO, SCHOTTKY, 40V, 1 AMP	MICROSEMI UPS400
8	12	E1-E12	TESTPOINT, TURRET, .061	MILL MAX 2308-2-00-44
9	3	JP1,JP2,JP3	CON, HDR, 2MM, 3 PIN	COMM CON CONN. 2802S-03G2
10	3	(JP1,JP2,JP3)	SHUNT, 2PIN, 3MM	COMM CON CCIJ2MM-138-G
11	1	L1	INDUCTOR, 2.2uH, 20%	COILCRAFT LPO1704-222M
12	2	L2,L3	INDUCTOR, 3.3uH, 30%	SUMIDA CMD5D13-4371-T004
13	2	R1,R3	RES, CHIP, 115K, 1/16W, 1%, 0402	AAC CR05-1153FM
14	1	R5	RES, CHIP, 105K, 1/16W, 1%, 0402	AAC CR05-1053FM
15	3	R2,R4,R6	RES, CHIP, 13.3K, 1/16W, 1%, 0402	AAC CR05-1332FM
16	1	R7	RES, CHIP, 118K, 1/16W, 1%, 0402	AAC CR05-1183FM
17	2	U1,U2	I.C., LINEAR, LT1930AES5	LINEAR TECHNOLOGY LT1930AES5
18	1	U3	I.C., LINEAR, LT1931AES5	LINEAR TECHNOLOGY LT1931AES5
19	1		PRINTED CIRCUIT BOARDS	DEMO BOARD DC397A
20	1		STENCIL	STENCIL DC397A