

1: Wave/Voltage Shaper Revised: Monday, August 13, 2001

2: 100-1002 Revision: A

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4: Jim Patchell

5: patchell@silcom.com

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10: Bill Of Materials August 13,2001 18:52:15 Page1

11:

12: Item Quantity Reference Mouser Part Number

13:

14:

15:	1	2	C2, C1 10uF 140-XRL25V10		
16:	2	22	C3, C4, C5, C6, C7, C8, C9, C10, .1uF 80-C410C104M5U		
17:			C11, C12, C13, C14, C15, C16,		
18:			C17, C18, C19, C20, C21, C22,		
19:			C23, C24		
20:	3	22	D1, D2, D3, D4, D5, D6, D7, D8, 1N914 78-1N914		
21:			D9, D10, D11, D12, D13, D14,		
22:			D15, D16, D17, D18, D19, D20,		
23:			D22, D23		
24:	4	1	D21 1N751 610-1N751A		
25:	5	4	P1, P2, P3, P4 HEADER 10X2 571-1033095		
26:	6	1	P5 HEADER 4 538-26-48-1245		
27:	7	2	Q1, Q2 2N3904 625-2N3904		
28:	8	2	Q4, Q3 2N3906 625-2N3906		
29:	9	60	R1, R10, R12, R15, R16, R17, 100K 271-100K		
30:			R18, R19, R20, R21, R22, R23,		
31:			R24, R25, R26, R27, R28, R29,		
32:			R30, R31, R32, R33, R34, R35,		
33:			R36, R37, R38, R39, R40, R41,		
34:			R42, R43, R44, R45, R46, R47,		
35:			R48, R49, R50, R51, R52, R53,		
36:			R54, R55, R56, R57, R58, R59,		
37:			R60, R61, R62, R70, R74, R75,		
38:			R76, R77, R78, R79, R80, R81		
39:	10	9	R2, R3, R4, R6, R7, R9, R11, 49.9K 271-49.9K		
40:			R13, R14		
41:	11	2	R5, R73 200K 271-200K		
42:	12	3	R8, R64, R72 1K 271-1K		
43:	13	2	R63, R68 10K 271-10K		
44:	14	1	R65 20K 72-T20YP-20K		
45:	15	2	R71, R66 10 271-10		
46:	16	1	R67 30K 271-30K		
47:	17	1	R69 24.9K 271-24.9K		

C:\projects\shaper\shaper.bom

48:	18	1	U1	TL071	511-TL071CN		
49:	19	10	U2, U3, U4, U5, U6, U7, U8, U9,			TL072	511-TL072CN
50:			U10, U11				
51:	20	1	U12	LM336	511-LM336Z		
52:							