



1: Atmel 89 Series Programmer Revised: Wednesday, September 21, 2005

2: 1001-3456 Revision: 2

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4: Sunrom Technologies <http://www.sunrom.com>

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7: Bill Of Materials September 21,2005 15:28:12 Page1

8:

9: Item Quantity Reference Part FootPrint

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11:

Item	Quantity	Reference	Part	FootPrint
12: 1	1	CN1	DC SOCKET	
13: 2	5	C1,C2,C6,C7,C9	10uF 16V	
14: 3	6	C3,C4,C5,C8,C16,C17	100n	
15: 4	2	C11,C10	33p	
16: 5	1	C12	1000uF 25V	
17: 6	3	C13,C14,C15	100uF 25V	
18: 7	1	D1	12V ZENER	
19: 8	1	D2	5V6 ZENER	
20: 9	1	D3	1N4148	
21: 10	4	D4,D5,D6,D8	1N4007	
22: 11	1	D7	LED	
23: 12	1	P1	D TYPE 9 Pin Female	
24: 13	3	Q1,Q2,Q3	BC547	
25: 14	1	RN1	10K RESISTOR ARRAY	
26: 15	1	R1	100R 2W	
27: 16	1	R2	1K 1W	
28: 17	3	R3,R6,R7	10K	
29: 18	5	R4,R5,R9,R10,R11	4K7	
30: 19	1	R8	22R 2W	
31: 20	1	U1	MAX232	
32: 21	1	U2	AT89C51/C52/S52	
33: 22	1	U3	74HC573	
34: 23	1	U4	ZIF40	
35: 24	1	U5	ZIF20	
36: 25	1	U6	LM7805	
37: 26	1	U7	78L05	
38: 27	1	Y1	11.0592	
39: 28	1		20 Pin IC Socket	
40: 29	1		16 Pin IC Socket	

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