

1001-3456 Sunrom Technologies**Bill Of Materials September 21,2005 15:28:12****Atmel 89 Seires Programmer**

Item	Quantity	Reference	Part
1	1	CN1	DC SOCKET
2	5	C1,C2,C6,C7,C9	10uF 16V
3	6	C3,C4,C5,C8,C16,C17	100n
4	2	C11,C10	33p
5	1	C12	1000uF 25V
6	3	C13,C14,C15	100uF 25V
7	1	D1	12V
8	1	D2	5V6
9	1	D3	1N4148
10	4	D4,D5,D6,D8	1N4007
11	1	D7	LED
12	1	P1	D TYPE 9 Pin Female
13	3	Q1,Q2,Q3	BC547
14	1	RN1	10K RESISTOR ARRAY
15	1	R1	100R 2W
16	1	R2	1K 1W
17	3	R3,R6,R7	10K
18	5	R4,R5,R9,R10,R11	4K7
19	1	R8	22R 2W
20	1	U1	MAX232
21	1	U2	AT89C51/C52/S52
22	1	U3	74HC573
23	1	U4	ZIF40
24	1	U5	ZIF20
25	1	U6	LM7805
26	1	U7	78L05 TO92
27	1	Y1	11.0592 Mhz
28	1		40 Pin IC Socket
29	1		16 Pin IC Socket
30	1		20 Pin IC Socket