

PA1051-40s-20p Data Sheet

40 pin DIP 0.6" socket/20 pin DIP 0.3" plug

Supported Device/Footprints

The PA1051-40s-20p adapter allows an 8051 emulator with a 40 pin DIP plug to be used in development of products using the Atmel AT89C1051 in a 20 pin DIP package.

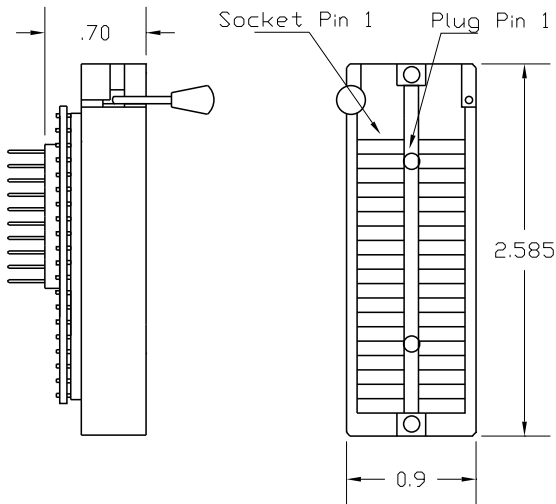
Socket			Plug	
Mfgr	Device	Package	Device	Package
Several	8051	40 DIP	89C1051, 89C2051	20 DIP

Adapter Parts & Part Numbers

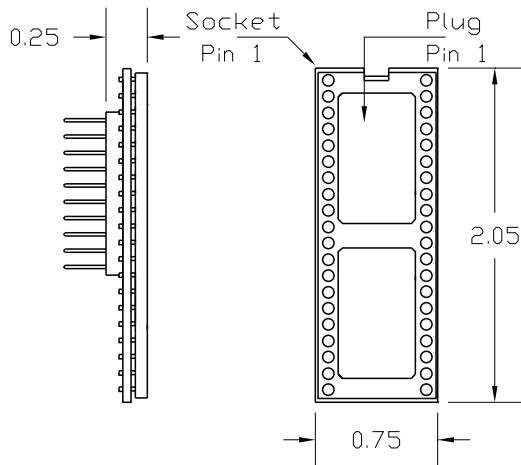
The following chart shows the various socket and board part numbers that make up these adapters.

Adapter	Socket	Board
PA1051-40P-20S	40 Production	1051-40-20S
PA1051-40P-20R	40 Production	1051-40-20R
PA1051-40Z-20S	40 ADZ	1051-40-20S
PA1051-40Z-20R	40 ADZ	1051-40-20R

Adapter Dimensions



PA1051-40Z-20S



PA1051-40P-20S

Adapter Construction

Test Socket

DIP ZIF test socket:

Aries Part #: 44-6554-11

LSC Part #: 40ADZ

1051-40-20S

Accepts the test socket and performs the wiring in the Adapter Wiring section. The DIP plug has .020" square pins.

or

1051-40-20R

Accepts the test socket and performs the wiring in the Adapter Wiring section. The DIP plug has .018" round pins.

Adapter Wiring

The following chart shows the connections between the DIP device and the adapter's DIP plug.

8051	SIGNAL	AT89C1051	AT89C1051	SIGNAL	8051
1	P1.0	12	20	Vcc	40
2	P1.1	13	-	P0.0	39
3	P1.2	14	-	P0.1	38
4	P1.3	15	-	P0.2	37
5	P1.4	16	-	P0.3	36
6	P1.5	17	-	P0.4	35
7	P1.6	18	-	P0.5	34
8	P1.7	19	-	P0.6	33
9	RST	1	-	P0.7	32
10	P3.0	2	-	EA-/Vpp	31
11	P3.1	3	-	ALE/PROG-	30
12	P3.2	6	-	PSEN-	29
13	P3.3	7	-	P2.7	28
14	P3.4	8	-	P2.6	27
15	P3.5	9	-	P2.5	26
16	P3.6	-	-	P2.4	25
17	P3.7	11	-	P2.3	24
18	XTAL2	4	-	P2.2	23
19	XTAL1	5	-	P2.1	22
20	Vss	10	-	P2.0	21

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