

PA51CC-PD(Z) Data Sheet

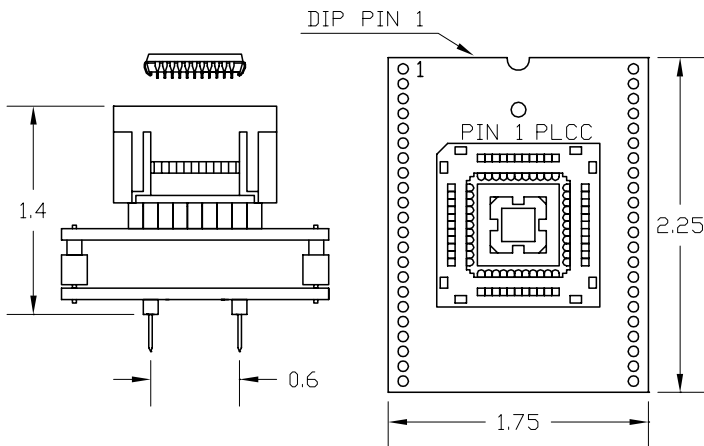
44 pin PLCC socket/40 pin DIP 0.6" plug

Supported Device/Footprints

Using this adapter, the Atmel T89C51CC01 in the PLCC package can be programmed on some 40 pin DIP programmers.

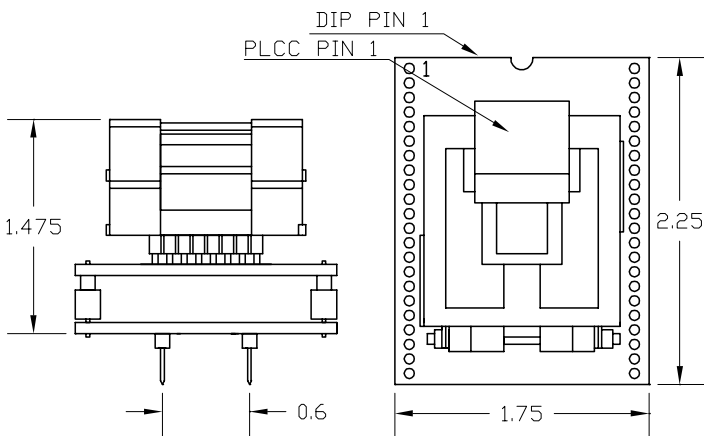
Device			Footprint	
Mfgr	Device	Package	Device	Plug
Atmel	T89C51CC01	PLCC	Atmel Specified Footprint	40 pin DIP

Adapter Dimensions



Press rim to open socket, Press device to close

PA51CC-PD



PA51CC-PDZ

Adapter Construction

The adapter is made up of 3 sub-assemblies. They assemble via connectors making the adapter modular. This way the sub-assemblies can be replaced when they wear out.

When disassembling the adapter take care not to bend the pins. When reassembling the adapter note the pin 1 indicators to align the parts correctly.

Test Socket

PLCC auto-eject test socket:

Yamaichi Part #: IC120-0444-106

LSC Part #: 44-106

Yamaichi Part #: IC120-0444-306

LSC Part #: 44-306

PLCC Lidded ZIF socket:

Yamaichi Part #: IC51-0444-400

LSC Part #: 44-400

44PL2-1, -3, -Z

Accepts the test socket and connects to the bottom board.

44-40-CC01

Performs the wiring shown in the Adapter Wiring section.

Adapter Wiring

The following chart shows the connections from the PLCC device to the adapter's DIP plug.

DEVICE	SIGNAL	PLUG	PLUG	SIGNAL	DEVICE
1	VSS	20	9	RST	44
2	VSS	20	20	VSS	43
3	P1.0	1	40	VCC	42
4	P1.1	2	19	XTAL1	41
5	P1.2	3	18	XTAL2	40
6	P1.3	4	30	ALE	39
7	P1.4	5	38	PSEN-	38
8	P1.5	6	32	P0.7	37
9	P1.6	7	33	P0.6	36
10	P1.7	8	34	P0.5	35
11	EA-	31	35	P0.4	34
12	P3.0	10	36	P0.3	33
13	P3.1	11	37	P0.2	32
14	P3.2	12	38	P0.1	31
15	P3.3	13	39	P0.0	30
16	P3.4	14	21	P2.0	29
17	P3.5	15	22	P2.1	28
18	P3.6	16	23	P2.2	27
19	P3.7	17	24	P2.3	26
20	N/C	-	25	P2.4	25
21	N/C	-	26	P2.5	24
22	P2.7	28	27	P2.6	23