

PA-V5000-68(Z) Data Sheet

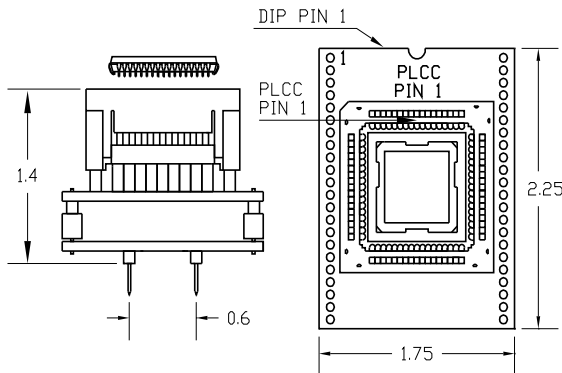
68 pin PLCC socket/40 pin DIP 0.6" plug

Supported Device/Footprints

Using this adapter, the Atmel ATV5000 in either PLCC or CLCC package can be programmed on 40 pin DIP programmers.

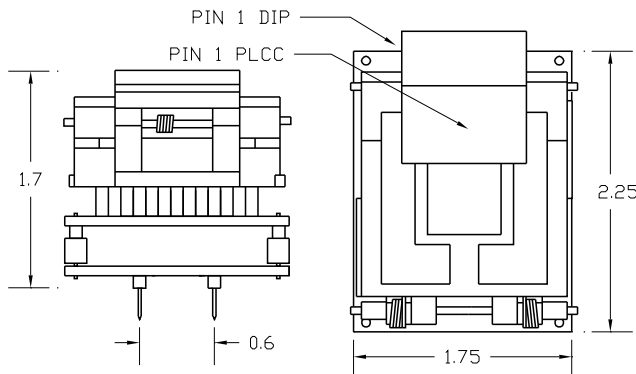
Device			Footprint	
Mfgr	Device	Package	Device	Plug
Atmel	ATV5000	PLCC, CLCC	ATV5000	40 pin DIP

Adapter Dimensions



Press device to close, press rim to open

V5000-68



V5000-68Z

Adapter Parts & Part Numbers

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

Adapter	Socket	Top Board	Bottom Board
V5000-68	68-104	V5000-68	51BASE
V5000-68(Z)	68-390	V5000-68Z	51BASE

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 #: IC120-0684-104

LSC Part #: 68-104

Lidded ZIF test socket

Yamaichi Part #: IC51-0684-390

LSC Part #: 68-390

V5000-68(Z)

Accepts the test socket and remaps the signals.

51BASE

Bottom board with the 0.6" DIP footprint.

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	VPP	1,21	8	VRB	68
2	PGMLB	9	-	GND	67
3	VCC	40	-	-	66
4	DIO	-	7	A8	65
5	A7	11	6	DIO	64
6	A6	12	5	DIO	63
7	DIO	-	4	A9	62
8	DIO	-	3	A10	61
9	A5	13	2	DIO	60
10	A4	14	-	DIO	59
11	DIO	15	35	A11	58
12	DIO	16	36	A12	57
13	A3	17	-	DIO	56
14	-	-	-	DIO	55
15	DIO	19	-	VCC	54
16	GND	-	37	A13	53
17	DIO	-	-	-	52
18	-	-	38	DIO	51
19	-	-	30	GND	50
20	VCC	10	-	DIO	49
21	-	-	-	A13	48
22	DIO	23	-	A12	47
23	A0	24	-	DIO	46
24	A1	25	-	DIO	45
25	DIO	26	-	A11	44
26	DIO	27	-	A10	43
27	A2	28	27	DIO	42
28	A6	-	-	DIO	41
29	DIO	29	-	A9	40
30	DIO	-	-	A8	39
31	A7	-	34	DIO	38
32	-	-	-	VCC	37
33	GND	30	33	PGMRB	36
34	VLB	32	-	-	35

VCC to GND .1uf bypass

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