

# PA1500SG-PD(Z) Data Sheet

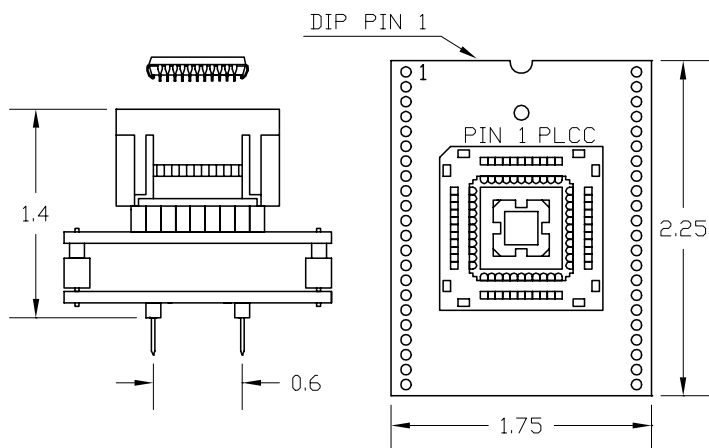
44 pin PLCC socket/40 pin DIP 0.6" plug

## Supported Device/Footprints

Using this adapter, the Atmel ATF1500 in the PLCC package can be programmed on 40 pin DIP programmers from System General.

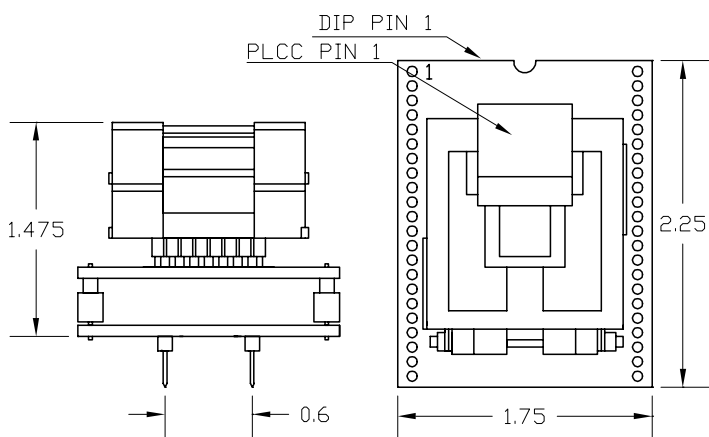
Mfgr	Device	Package	Device	Footprint Plug
Atmel	ATF1500	PLCC	Turpro-1	40 pin DIP
			Turpro-1/FX	
			Turpro-1/TX	
			Multi-Apro	

## Adapter Dimensions



Press rim to open socket, Press device to close

PA1500SG-PD



PA1500SG-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.

1500SG

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		1	35		44
2		2	10		43
3	VCC	15	30	GND	42
4		4	23		41
5		5	40		40
6		6	39		39
7		7	38		38
8		8	37		37
9		9	36		36
10	GND	30	15	VCC	35
11		11	34		34
12		12	33		33
13		13	32		32
14		14	31		31
15	VCC	15	30	GND	30
16		16	29		29
17		17	28		28
18		18	27		27
19		19	26		26
20		20	25		25
21		21	24		24
22	GND	30	15	VCC	23

There is a 0.1uf capacitor between VCC & Gnd



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