

# PA28-28-5P(Z)6 Data Sheet

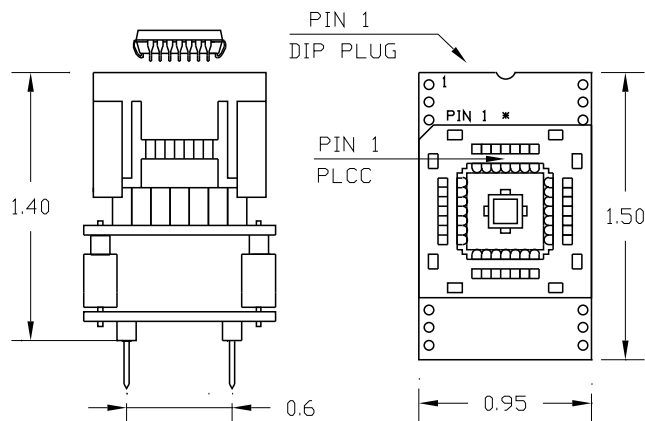
28 pin PLCC socket/28 pin DIP 0.6" plug

## Supported Device/Footprints

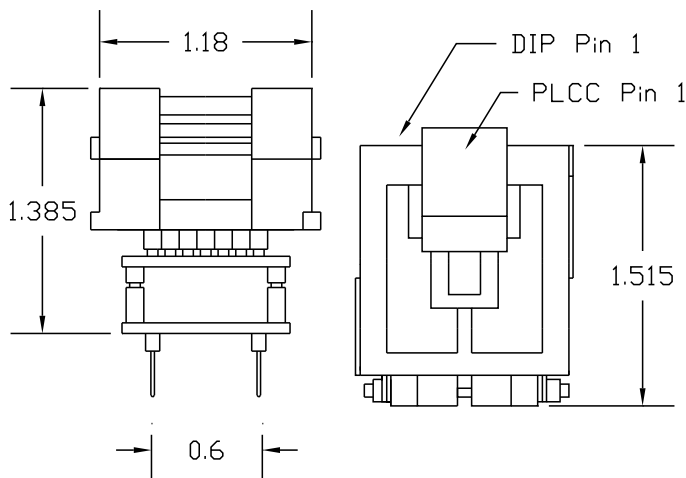
Using this adapter, the Altera EPM5032 in either PLCC or CLCC package can be programmed on BP Microsystems CP1128 or PLD1128 programmers.

Mfgr	Device		Footprint	
	Device	Package	Programmer	Plug
Altera	EPM5032	PLCC, CLCC	BP Micro CP1128, PLD1128	28 DIP

## Adapter Dimensions



PA28-28-5P6



PA28-28-5PZ6

## 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 #: IC120-0284-508

LSC Part #: 28-508

PLCC Lidded ZIF test socket:

Yamaichi Part # IC120-0284-399

LSC Part #: 28-399

### 28LIF(Z)

Accepts the test socket and connects to the bottom board.

### 28-28-5

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
1	VCC	28
2	I/O	23
3	I/O	24
4	I/O	25
5	I/O	26
6	INPUT	27
7	INPUT	7
8	INPUT	1
9	IN/CLK	2
10	I/O	3
11	I/O	4
12	I/O	5
13	I/O	6
14	VCC	22
15	GND	14
16	I/O	9
17	I/O	10
18	I/O	11
19	I/O	12
20	INPUT	13
21	INPUT	21
22	INPUT	15
23	INPUT	16
24	I/O	17
25	I/O	18
26	I/O	19
27	I/O	20
28	GND	14