

# PA32-28(Z) Data Sheet

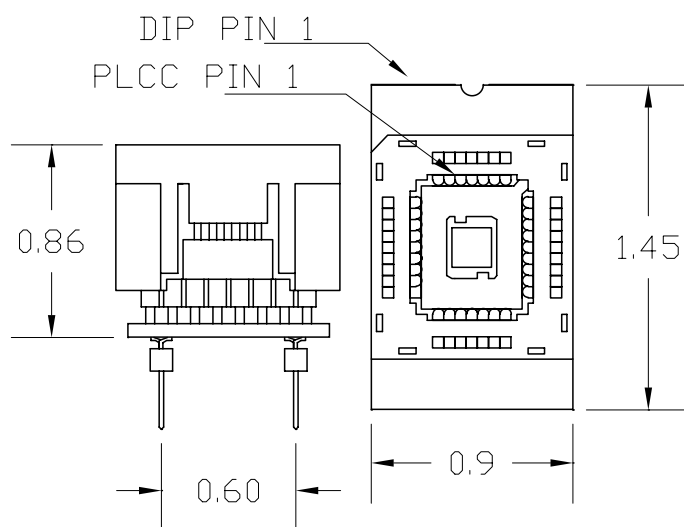
## 32 pin PLCC socket/28 pin DIP 0.6" plug

### Supported Device/Footprints

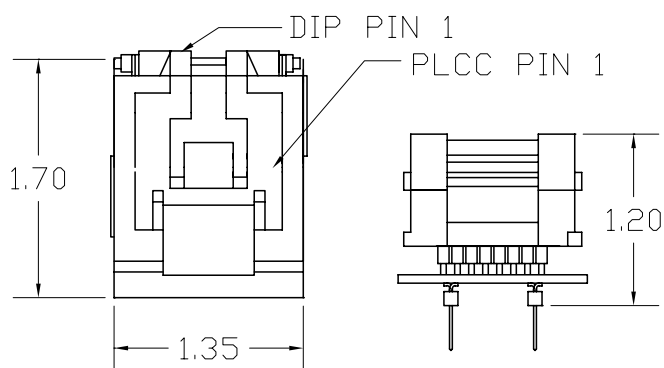
This adapter allows programming of several 32 pin PLCC and CLCC devices in their 28 pin DIP footprint.

| Mfgr    | Device | Package | Device | Footprint Plug |
|---------|--------|---------|--------|----------------|
| Several | 27C64  | PLCC    | 27C64  | 28 Pin DIP     |
|         | 27C128 |         | 27C128 |                |
|         | 27C256 |         | 27C256 |                |
|         | 27C512 |         | 27C512 |                |

### Adapter Dimensions



PA32-28



PA32-28Z

### Adapter Construction

The adapter is made up of 2 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.

#### PA32-28 Sub-assemblies

##### Test Socket

PLCC Auto-Eject test socket:

Yamaichi Part #: IC120-0324-309 LSC Part #: 32-309

##### PLCC Lidded ZIF Socket:

Yamaichi Part #: IC51-0324-453 LSC Part #: 32-453

##### PA32-28(Z)

Accepts the socket and performs the wiring in the Adapter Wiring section.

### Adapter Wiring

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

| DEVICE | PLUG | PLUG | DEVICE |
|--------|------|------|--------|
| 1      | NC   | 28   | 32     |
| 2      | 1    | 27   | 31     |
| 3      | 2    | 26   | 30     |
| 4      | 3    | 25   | 29     |
| 5      | 4    | 24   | 28     |
| 6      | 5    | 23   | 27     |
| 7      | 6    | NC   | 26     |
| 8      | 7    | 22   | 25     |
| 9      | 8    | 21   | 24     |
| 10     | 9    | 20   | 23     |
| 11     | 10   | 19   | 22     |
| 12     | NC   | 18   | 21     |
| 13     | 11   | 17   | 20     |
| 14     | 12   | 16   | 19     |
| 15     | 13   | 15   | 18     |
| 16     | 14   | NC   | 17     |

Pin skips are 1, 12, 17, 26.



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