

PA32-28(Z) Data Sheet

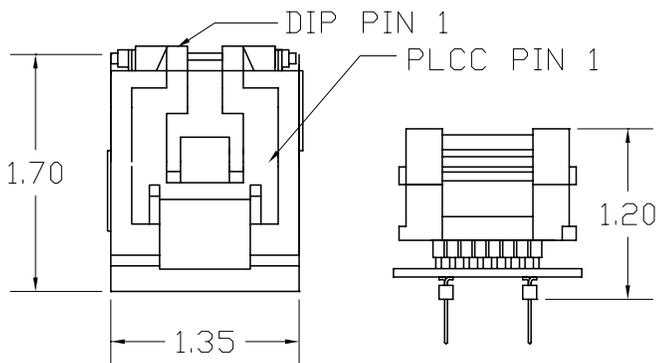
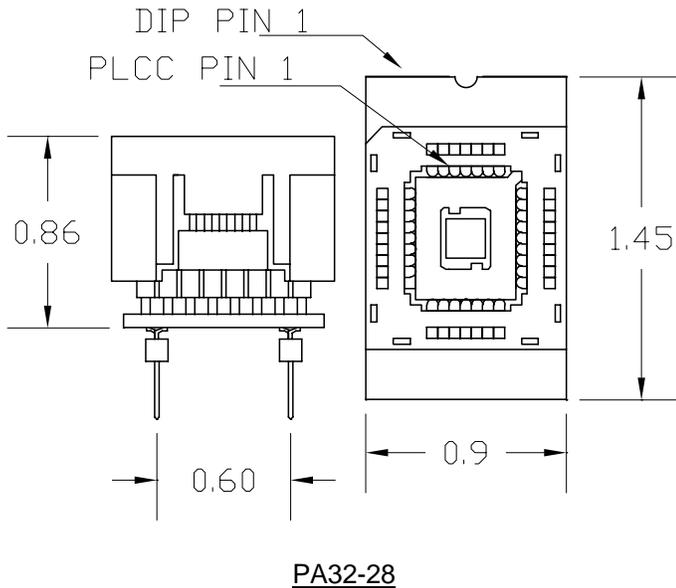
32 pin PLCC socket/28 pin DIP 0.6" plug

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



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

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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.