

PA280-44(Z) Data Sheet

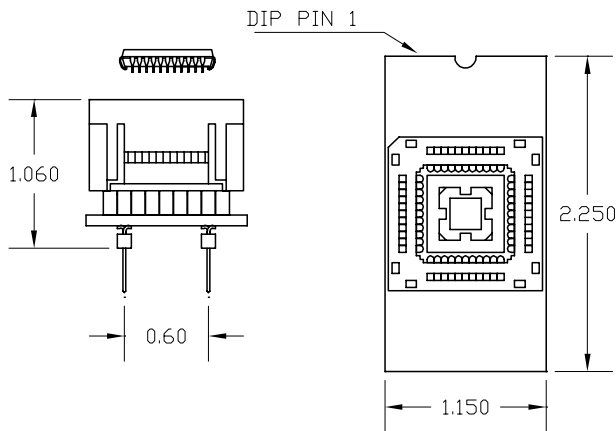
44 pin PLCC socket/40 pin DIP 0.6" plug

Supported Device/Footprints

This adapter allows programming of several PLCC, CLCC, and LCC devices in their DIP footprint. The following is a partial list:

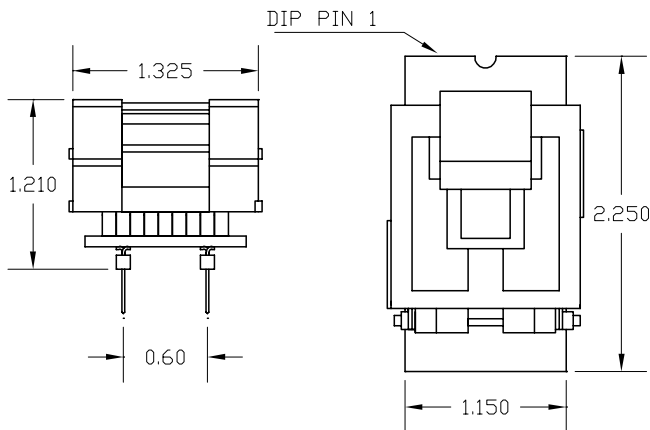
| Mfgr | Device | Package | Footprint | |
|---------|---------|---------|------------|------------|
| | | | Programmer | Socket |
| Intel | 27C210 | PLCC, | Many | 40 pin DIP |
| | 27C220 | CLCC | | |
| | 27C240 | | | |
| Several | 27C1024 | PLCC, | Many | 40 pin DIP |
| | 27C2048 | CLCC | | |
| | 27C4096 | | | |

Adapter Dimensions



Press rim to open socket, Press device to close

PA280-44



Press rim to open socket, Press device to close

PA280-44Z

Adapter Parts & Part Numbers

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

| Adapter | Socket Type | Test Socket | Circuit Board |
|-----------|-------------|-------------|---------------|
| PA280-44 | Auto Eject | 44-306 | PA280-PD |
| PA280-44Z | Lidded ZIF | 44-400 | PA280-PZD |

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.

Test Socket

| LSC # | Mfgr/Part Number |
|--------|-------------------------|
| 44-306 | Yamaichi IC120-0444-306 |
| 44-400 | Yamaichi IC51-0444-400 |

Adapter Wiring

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

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

Skip PLCC pins 1, 13, 23, 33