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# PA44-40-33-PD(Z) Data Sheet

44 pin PLCC socket/40 pin DIP 0.6" plug

## Supported Device/Footprints

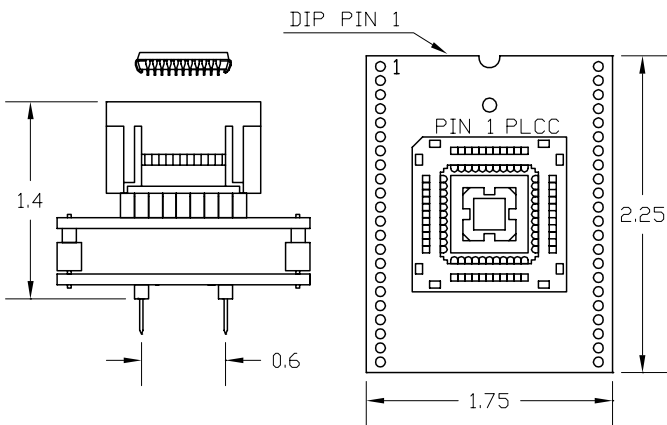
These adapters connect a PLCC package to a 40 pin DIP footprint. They allow programming of some 44 PLCC devices in their 40 DIP footprint.

Other devices that require the same mapping are also supported. Below is a partial list of devices known to work with this adapter.

**Zilog:** Z86E30/ E31/ E33/ 733/ E34/ E40/E43/743/E44

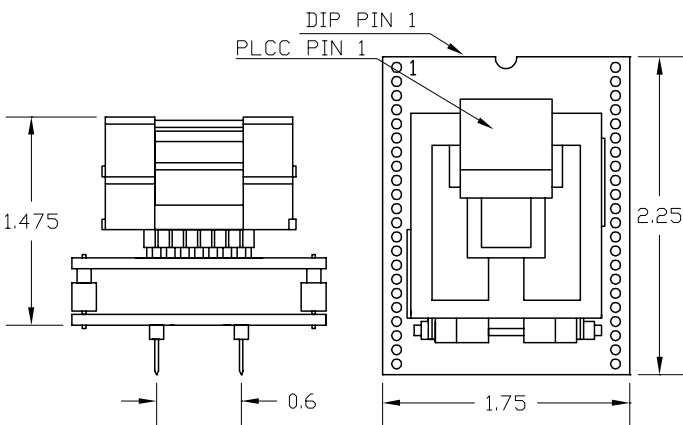
**Footprint:** Same device 40 DIP

## Adapter Dimensions



Press rim to open socket, Press device to close

PA44-40-33-PD



PA44-40-33-PDZ

## Adapter Construction

These adapters are made up of 3 sub-assemblies. They assemble via connectors making the adapter modular. This way the sub-assemblies can be replaced easily.

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.

The following chart lists the adapters described by this datasheet and their subassemblies.

| Adapter        | Test Socket | Top Board | Bottom Board |
|----------------|-------------|-----------|--------------|
| PA44-40-33-PD  | 44-306      | 44PL2-3   | 44-40-33     |
| PA44-40-33-PDZ | 44-400      | 44PL2-Z   | 44-40-33     |

## Test Sockets

| LSC #  | Style      | Mfgr/Pn                 |
|--------|------------|-------------------------|
| 44-306 | Auto-Eject | Yamaichi IC120-0444-306 |
| 44-400 | Lidded ZIF | Yamaichi IC51-0444-400  |

## Adapter Wiring

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

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

Skip short notation: 1, 12, 23, 34 (1-2), (23-24)PLCC rotated CCW (+11).