PA44-40-01-PD(Z) Data Sheet
44 pin PLCC socket/40 pin DIP 0.6" plug
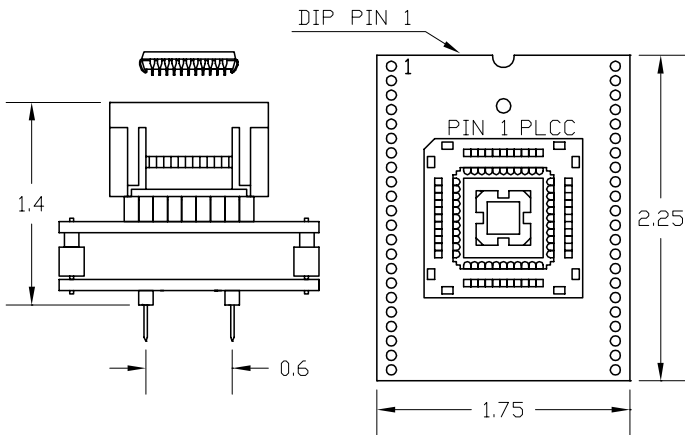
Supported Device/Footprints

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.
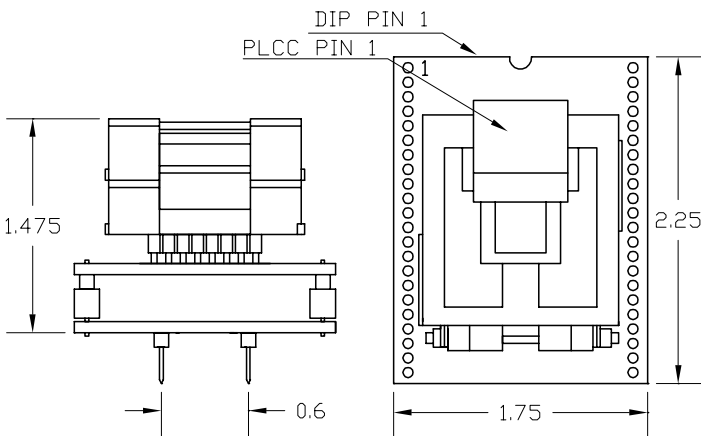
Zilog: Z86C21/ E21/ C61/ E61
Footprint: Same device 40 DIP

Adapter Dimensions

DIP PIN 1

PIN 1 PLCC

1.4

0.6

2.25

1.75

Press rim to open socket, Press device to close

PA44-40-01-PD

DIP PIN 1

PLCC PIN 1

1.475

0.6

1.75

2.25

PA44-40-01-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
PA44-40-01-PD	44-306	44PL2-3	44-40-01
PA44-40-01-PDZ	44-400	44PL2-Z	44-40-01

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

Skip and short notation: (6, 17, 28, 39)