

PA32-24-wP (Z)d Data Sheet

32 pin PLCC socket/24 pin DIP 0.3" or 0.6" plug

Introduction

This data sheet describes several adapters. They are all similar in that they have 32 pin PLCC test sockets and 24 pin DIP plugs. They differ in the dimensions of the DIP plug and the wiring from PLCC device to DIP plug.

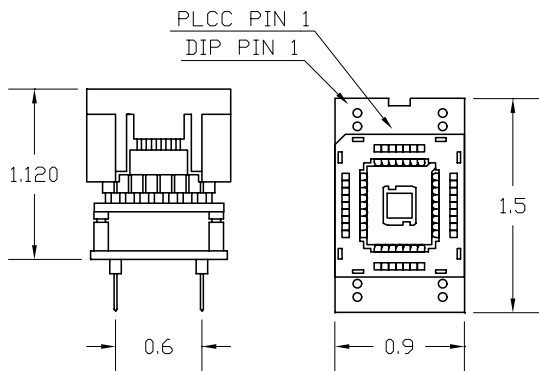
The "w" in PA32-24-wP(Z)d above identifies the adapter's wiring. The "d" represents the dimensions of the DIP plug. The "Z" identifies a lidded ZIF socket. Without the "Z" it has an Auto-eject socket. The following chart identifies all the versions currently available.

Adapter	Wiring	Plug
PA32-24-1P(Z)3	1	0.3"
PA32-24-1P(Z)6	1	0.6"
PA32-24-2P(Z)3	2	0.3"
PA32-24-2P(Z)6	2	0.6"

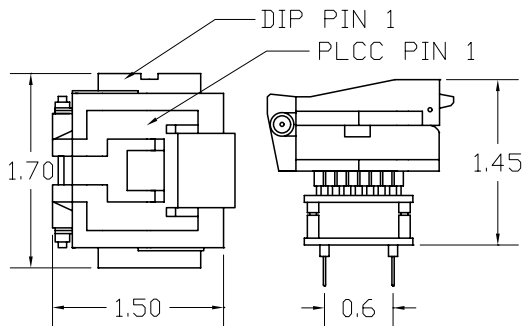
Supported Device/Footprints

These adapters support many devices by connecting between the PLCC and DIP packages of the device. Refer to the device's data sheet for PLCC and DIP pinouts. Then see the Adapter Wiring section to identify which adapter works for which device.

Adapter Dimensions



PA32-24-wP6 with Auto-eject socket



PA32-24-wPZ6 with Lidded ZIF socket

Adapter Construction

The adapter is made up of 3 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

PLCC Auto-Eject test socket:

Yamaichi Part #: IC120-0232-309 LSC Part #: 32-309

PLCC Lidded ZIF socket:

Yamaichi Part #: IC51-0232-453 LSC Part #: 32-453

32LIF(-Z)

Accepts the test socket and connects to the bottom board.

32-24-w

Performs the wiring shown in the Adapter Wiring section

Adapter Wiring

Two different wiring patterns (mappings) are described in this data sheet.

PLCC Device	PLUG pin for each mapping	
	'-1	'-2
1	-	-
2	-	-
3	-	-
4	1	1
5	2	2
6	3	3
7	4	4
8	5	5
9	6	6
10	7	7
11	8	8
12	-	-
13	9	9
14	10	10
15	11	11
16	12	12
17	-	-
18	13	13
19	14	14
20	15	15
21	16	16
22	17	17
23	18	18
24	19	19
25	20	20
26	21	-
27	-	-
28	22	22
29	23	23
30	-	-
31	-	21
32	24	24