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PA32-32(Z) Data Sheet

32 pin PLCC socket/32 pin DIP 0.6" plug

Supported Device/Footprints

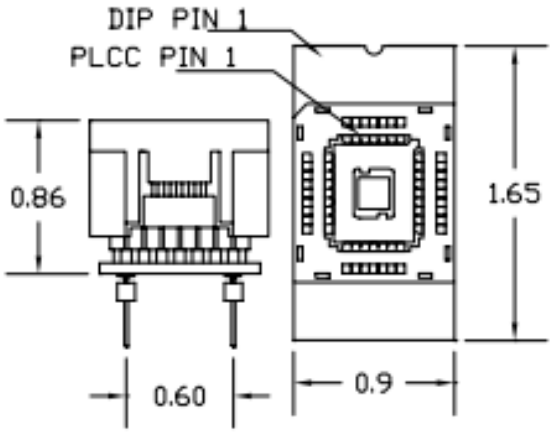
This adapter allows programming of many 32 pin PLCC, CLCC and LCC devices in their 32 pin DIP footprint.

The CLCC package has J leads. The LCC package is leadless. Both packages are ceramic. The LCC package is supported by the PA32-32Z when a shim is used. See the LCC Package Support section.

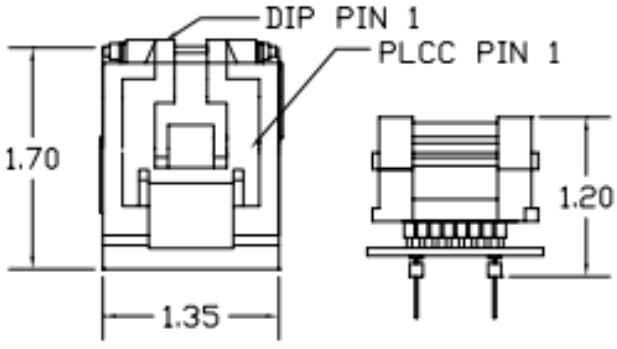
The following devices are supported using the indicated footprint.
Generic: 27x010, 27x020, 27x040, 27x080, 27x101, 27x201, 27x401, 29F100

Footprint: Same device 32DIP 0.6"

Adapter Dimensions



PA32-32



PA32-32Z

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.

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

Adapter	Socket	Board
PA32-32	32-309	PA32-32 Ver D
PA32-32Z	32-453	PA32-32Z Ver C

Test Sockets

LSC #	Style	Mfgr/Pn
32-309	Auto-Eject	Yamaichi IC120-0324-309
32-453	Lidded ZIF	Yamaichi IC51-0324-453

Adapter Wiring

This adapter is wired 1 to 1. The following chart shows the connections from the PLCC device to the adapters DIP plug.

DEVICE	PLUG	PLUG	DEVICE
1	1	32	32
2	2	31	31
3	3	30	30
4	4	29	29
5	5	28	28
6	6	27	27
7	7	26	26
8	8	25	25
9	9	24	24
10	10	23	23
11	11	22	22
12	12	21	21
13	13	20	20
14	14	19	19
15	15	18	18
16	16	17	17

LCC (Leadless) package support

The test socket on the PA32-32Z can accommodate the LCC package. A shim must be used to make up the difference in thickness between the PLCC and LCC packages. The shim can be ordered using part number **SHIM32-453** or it can be made.

The shim should be between 0.023" and 0.030" thick and cut to a size of 3/8" by 5/8". It should be affixed to the inside of the cover of the socket. Test close the socket, without a device, to confirm the shim does not interfere with the interlocking parts of the socket.

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