PA20-20-1Psw Data Sheet

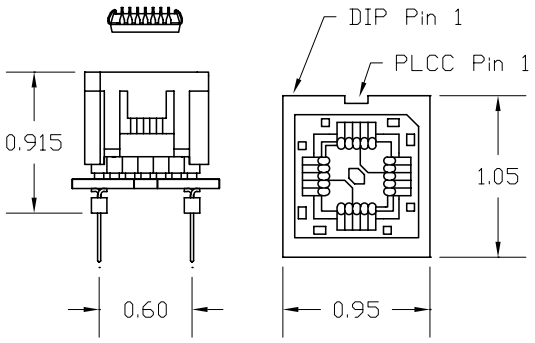
20 pin PLCC Auto-eject ***Dead-Bug*** socket/20 pin DIP 0.3” or 0.6” plug
or
20 pin PLCC Lidded ZIF ***Live-Bug*** socket/20 pin DIP 0.3” or 0.6” plug

Supported Device/Footprints

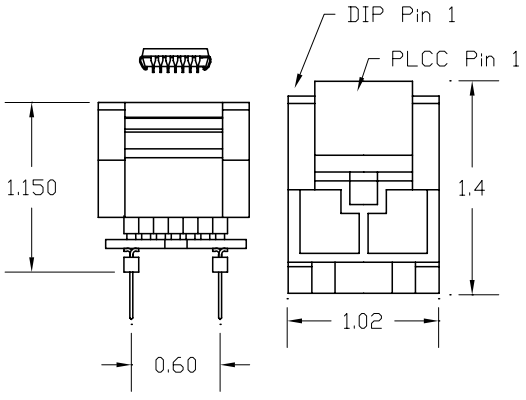
These adapters allows programming of many PLCC and CLCC devices in their DIP footprint. The following is a partial list.

The following devices are supported using the indicated footprint.
Generic: 10H8, 10L8, 12H6, 12L6, 14H4, 14L6, 14H4, 14L4, 16C1, 16H2, 16L2, 16L8, 16N8, 16P8F, 16R4, 16R6, 16R8, 16RA8, 16RP4, 16RP6, 16RP8, 16V8, 16X4, 18N8, 18P8, 20L8, 20R8, PLS155, PLS157, PLS159
Footprint: Same device 20DIP 0.6” or Same device 20DIP 0.3”

Adapter Dimensions



PA20-20-1PD6
NOTE: THIS IS A DEAD-BUG SOCKET
THE PLCC DEVICE IS INSERTED UPSIDE-DOWN



PA20-20-1PZ6
NOTE: THIS IS A LIVE-BUG SOCKET
THE PLCC DEVICE IS INSERTED RIGHT-SIDE-UP

Adapter Construction

The following chart identifies all the versions of this adapter currently available and the correct placement of the device to be programmed. For more information see the drawings at left.

Adapter	Plug	Socket Style	Device Placement
PA20-20-1PD3	0.3”	Auto-eject	Pins up
PA20-20-1PD6	0.6"	Auto-eject	Pins up
PA20-20-1PZ3	0.3"	Lidded ZIF	Pins down
PA20-20-1PZ6	0.6"	Lidded ZIF	Pins down

The following chart identifies the various boards and sockets that make up these versions of the adapter

Adapter	Socket	Circuit Board
PA20-20-1PD3	20-205	20-1PD3
PA20-20-1PZ3	20-602	20-1PZ3
PA20-20-1PD6	20-205	20-1PD6
PA20-20-1PZ6	20-602	20-1PZ6

Test Sockets

LSC #	Style	Mfgr/Pn
20-205	Auto-Eject	Yamaichi IC120-0204-205
20-602	Lidded ZIF	Yamaichi IC51-0204-602

The adapter is made up of 2 sub-assemblies. They assemble via connectors making the adapter modular. This way the sub-assemblies can be easily replaced.

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.

Adapter Wiring

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

DEVICE	PLUG
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20

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