PA20-16-1PD(Z)3(6) Data Sheet
20 pin PLCC Auto-eject *Dead-Bug* socket/16 pin DIP 0.3" or (0.6") plug
or
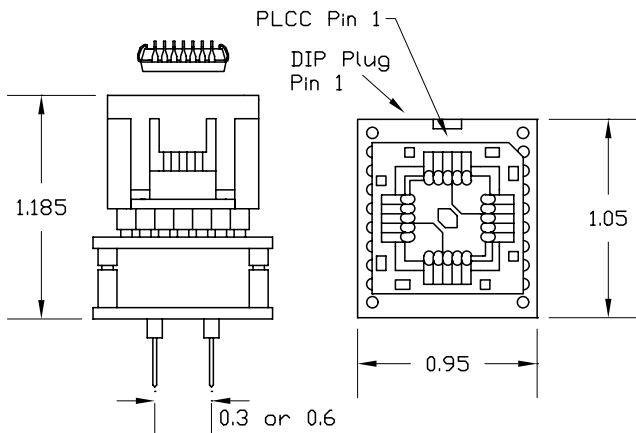## 20 pin PLCC (Lidded ZIF *Live-Bug*) socket/16 pin DIP 0.3" or (0.6") plug

Supported Device/Footprints

These adapters allow programming of many 20 pin PLCC and CLCC devices in their 16 pin DIP footprint. Following is a partial list.

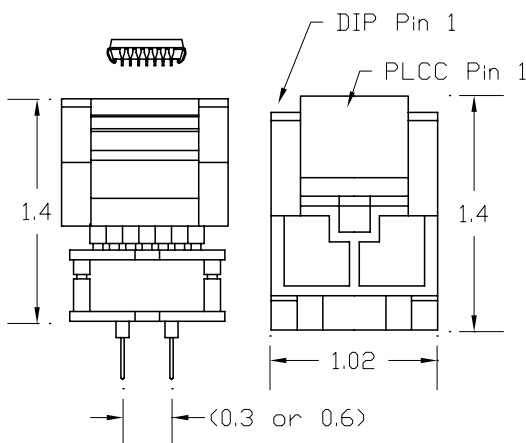| | Device | | Footprint | |
Mfgr	Device	Package	Device	Package
Several	74S288	20 pin PLCC	74S288	16 Pin DIP
AMD	AM2719	"	AM2719	"

Adapter Dimensions

NOTE: THIS IS A DEAD-BUG SOCKET
THE PLCC DEVICE IS INSERTED UPSIDE-DOWN

PA20-16-1PD3

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

Adapter Part Numbers

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

Adapter	Socket	Top Board	Bottom Board
PA20-16-1PD3	20-205	20PLD	20-16-1-3
PA20-16-1PD6	20-205	20PLD	20-16-1-6
PA20-16-1PZ3	20-602	20PLZ	20-16-1-3
PA20-16-1PZ6	20-602	20PLZ	20-16-1-6

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 #: IC120-0204-204   LSC Part #: 20-204
PLCC Lidded ZIF test socket:
    Yamaichi Part #: IC51-0204-602   LSC Part #: 20-602

20PLD(Z)
Accepts the test socket and connects to the bottom board.

20-16-1-3(6)
Accepts the top board and provides the DIP footprint.

Adapter Wiring

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

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

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