

PA17C42-44-(Z)CP1128 Data Sheet

44 pin PLCC socket/28 pin DIP 0.6" plug

Supported Device/Footprints

This adapter allows programming of Microchip's PIC17C42, '43 & '44 in the 44 pin PLCC package on the CP1128 28pin DIP programmer from BP Microsystems.

Mfgr	Device		Footprint	
	Device	Package	Device	Plug
Microchip	PIC17C42	44 PLCC	PIC17C42	28 Pin DIP
"	PIC17C42A	"	PIC17C42A	"
"	PIC17C43	"	PIC17C43	"
"	PIC17C44	"	PIC17C44	"

Adapter Parts & Part Numbers

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

Adapter	Test Socket	Top Board	Bottom Board
PA17C42-44-CP1128	44-106 or 44-306	44PL2 -1 or 44PL2-3	P42-28
PA17C42-44Z-CP1128	44-400	44PL2-Z	P42-28

Adapter Wiring

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

PLCC	CP1128	CP1128	PLCC
1	28	28	44
2	N/C	N/C	43
3	3	N/C	42
4	4	N/C	41
5	5	N/C	40
6	6	N/C	39
7	7	N/C	38
8	8	N/C	37
9	9	N/C	36
10	10	1	35
11	14	14	34
12	14	14	33
13	27	N/C	32
14	26	N/C	31
15	25	N/C	30
16	24	19	29
17	23	18	28
18	22	17	27
19	21	16	26
20	20	15	25
21	11	13	24
22	12	N/C	23

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 #: IC120-0444-106 LSC Part #: 44-106

Yamaichi Part #: IC120-0444-306 LSC Part #: 44-306

ZIF Lidded socket:

Yamaichi Part #: IC51-0444-400 LSC Part #: 44-400

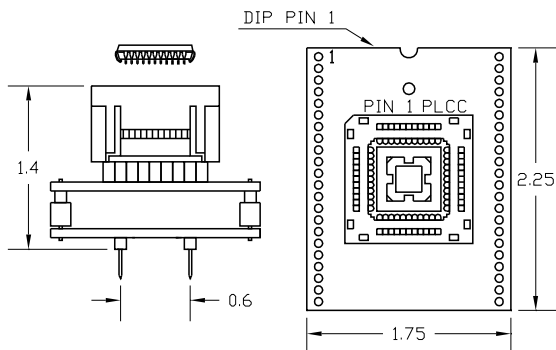
44PL2-1, -3, -Z

Accepts the test socket and connects to the bottom board.

P42-28

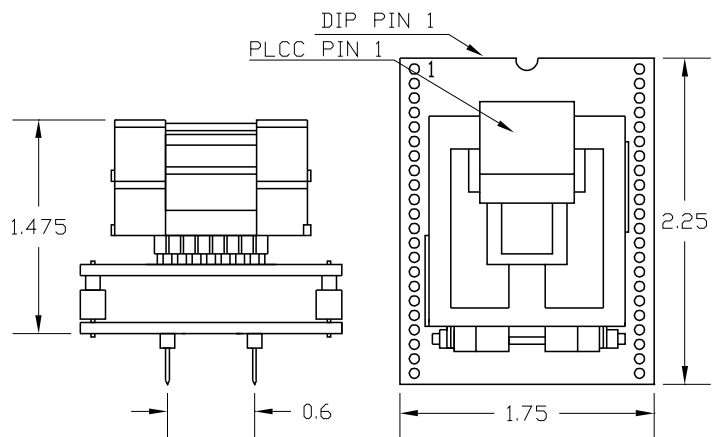
Performs the wiring shown in the Adapter Wiring section.

Adapter Dimensions



Press rim to open socket, Press device to close

PA17C42-44-CP1128



PA17C42-44Z-CP1128



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