

PA705C8-PD(Z) Data Sheet

44 pin PLCC socket/40 pin DIP 0.6" plug

Supported Device/Footprints

This adapter allows programming of the Motorola MC68HC705C8 44 pin PLCC device on 40 pin DIP programmers.

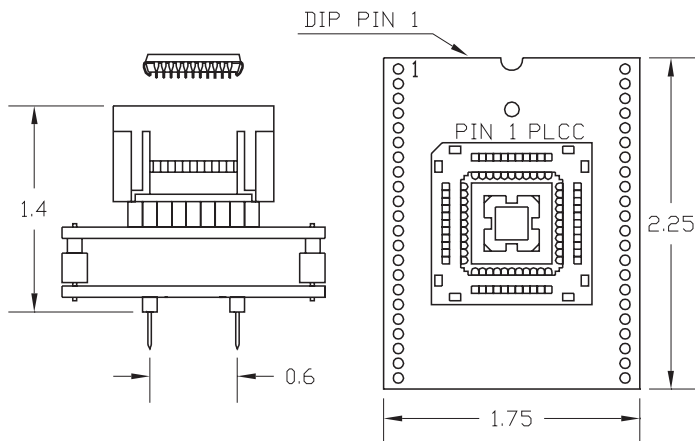
Mfgr	Device	Package	Device	Footprint Plug
Motorola	MC68HC705C8	PLCC	MC68HC705C8	40 pin DIP

Adapter Parts & Part Numbers

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

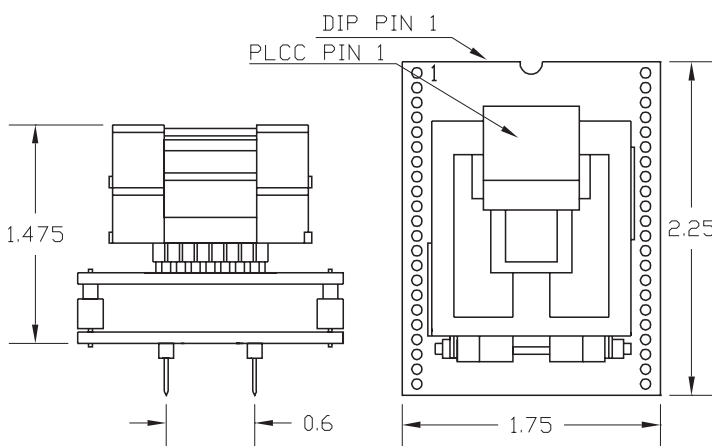
Adapter	Test Socket	Top Board	Bottom Board
PA705C8-PD	44-106 or 44-306	44PL2-1 or 44PL2-3	44-40-C8
PA705C8-PDZ	44-400	44PL2-Z	44-40-C8

Adapter Dimensions



Press rim to open socket, Press device to close

PA705C8-PD



PA705C8-PDZ

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.

44-40-C8

Performs the wiring shown in the Adapter Wiring section.

Adapter Wiring

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

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



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Doc: 705C8PD.DOC

Rev 1/28/97

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