

# PA7140-PD(Z) Data Sheet

## 44 pin PLCC socket/40 pin DIP 0.6" plug

### Supported Device/Footprints

Using this adapter, the ICT PA7140 in the PLCC package can be programmed on 40 pin DIP programmers.

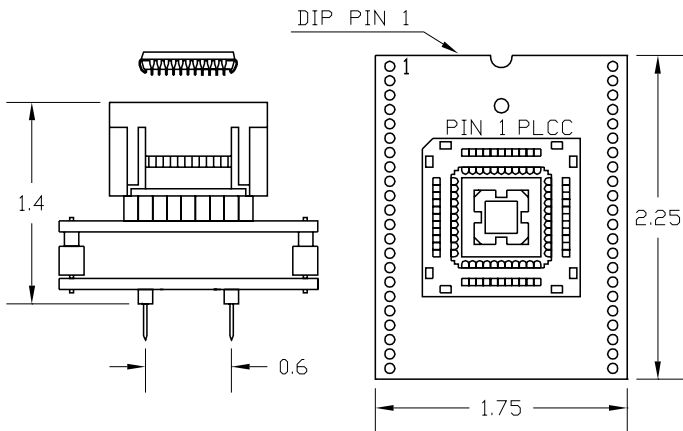
Mfgr	Device	Package	Device	Footprint Plug
ICT	PA7140	PLCC	PA7140	40 pin DIP

### Adapter Parts & Part Numbers

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

Adapter	Socket	Top Board	Bottom Board
PA7140-PD	44-106 or 44-306	44PL2-1 or 44PL2-3	41-40-7140
PA7140-PDZ	44-400	44PL2-Z	41-40-7140

### Adapter Dimensions



Press rim to open socket, Press device to close

PA7140-PD

### 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

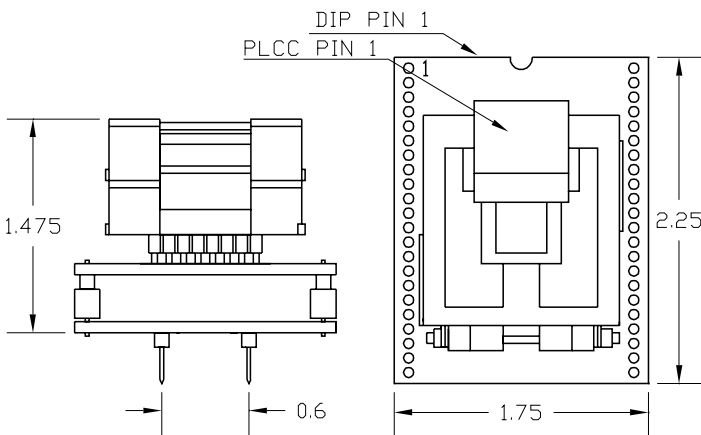
Accepts the test socket and connects to the bottom board.

44-40-7140

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.



PA7140-PDZ

DEVICE	SIGNAL	PLUG	PLUG	SIGNAL	DEVICE
1	Vcc	40	40	Vcc	44
2	I/CLK1	1	39	I	43
3	I	2	38	I	42
4	I	3	37	I	41
5	I	4	36	I/O	40
6	I/O	5	20	Gnd	39
7	I/O	6	35	I/O	38
8	I/O	7	34	I/O	37
9	I/O	8	33	I/O	36
10	I/O	9	32	I/O	35
11	I/O	10	31	I/O	34
12	I/O	11	30	I/O	33
13	I/O	12	29	I/O	32
14	I/O	13	28	I/O	31
15	I/O	14	27	I/O	30
16	I/O	15	26	I/O	29
17	Gnd	20	25	I/O	28
18	I/O	16	24	I	27
19	I	17	23	I	26
20	I	18	22	I	25
21	I	19	21	I/CLK2	24
22	Gnd	20	20	Gnd	23



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