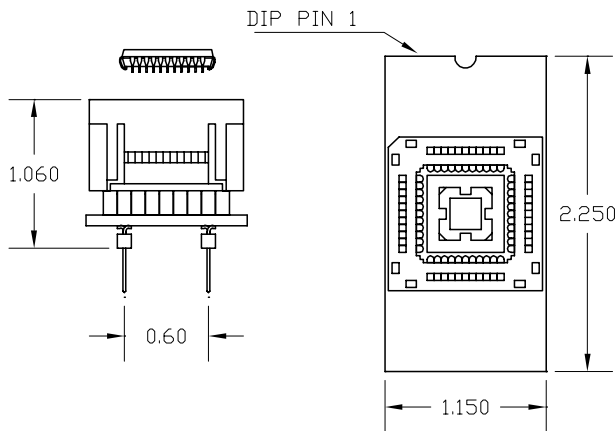# PA280-44(Z) Data Sheet
44 pin PLCC socket/40 pin DIP 0.6" plug

Supported Device/Footprints

This adapter allows programming of several PLCC, CLCC, and LCC devices in their DIP footprint. The following is a partial list:
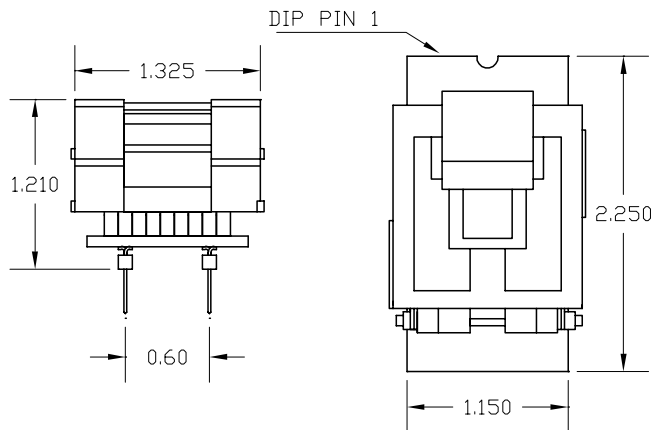
	Device		Footprint	
Mfgr	Device	Package	Programmer	Socket
Intel	27C210	PLCC,	Many	40 pin DIP
	27C220	CLCC		
	27C240			
Several	27C1024	PLCC,	Many	40 pin DIP
	27C2048	CLCC		
	27C4096			

Adapter Dimensions

DIP PIN 1

1.060
0.60
2.250
1.150

Press rim to open socket, Press device to close

PA280-44

DIP PIN 1

1.325
1.210
0.60
2.250
1.150

Press rim to open socket, Press device to close

PA280-44Z

Adapter Parts & Part Numbers

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

Adapter	Socket Type	Test Socket	Circuit Board
PA280-44	Auto Eject	44-306	PA280-PD
PA280-44Z	Lidded ZIF	44-400	PA280-PZD

Adapter Construction

The adapter is made up of 2 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

LSC #	Mfgr/Part Number
44-306	Yamaichi IC120-0444-306
44-400	Yamaichi IC51-0444-400

Adapter Wiring

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

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

Skip PLCC pins 1, 13, 23, 33