

# PA54-44(Z) Data Sheet

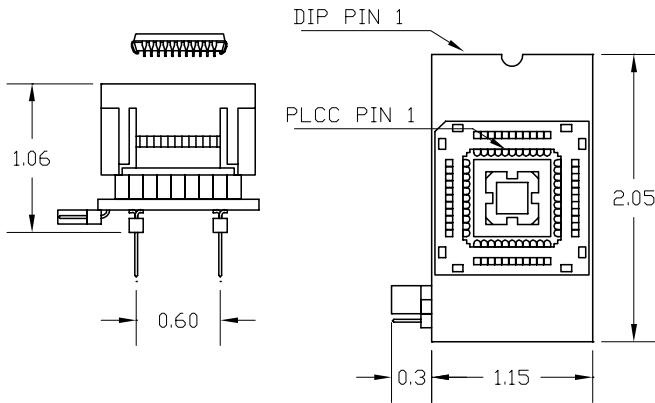
## 44 pin PLCC socket/40 pin DIP 0.6" plug

### Supported Device/Footprints

This adapter allows programming of two Intel devices:

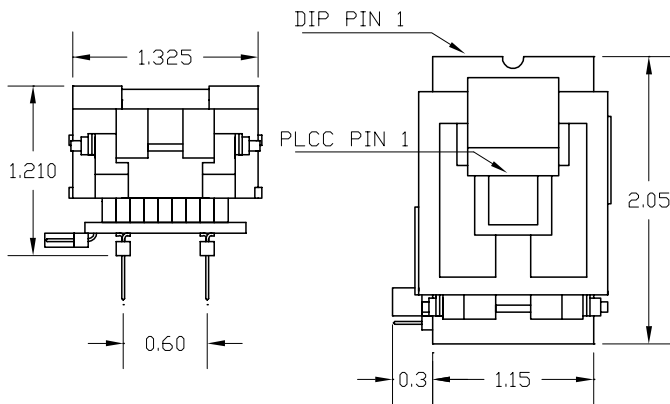
Mfgr	Device		Footprint	
	Device	Package	Device	Plug
Intel	87C54, '58	PLCC	87C54	40 Pin DIP

### Adapter Dimensions



Press rim to open socket, Press device to close

PA54-44



PA54-44Z

### 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 easily.

The following chart shows the various socket and board part numbers of the adapters described by this datasheet.

Adapter	Socket	Circuit Board
PA54-44	44-306	PA51-PD-J
PA54-44Z	44-400	PA51-PDZ-J

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 #	Style	Mfgr/Pn
44-306	Auto-Eject	Yamaichi IC120-0444-306
44-400	Lidded ZIF	Yamaichi IC51-0444-400

### Adapter Wiring

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

DEVICE	SIGNAL	PLUG	DEVICE	SIGNAL	PLUG
1	Vss	20	23	NC	
2	P1.0	1	24	P2.0	21
3	P1.1	2	25	P2.1	22
4	P1.2	3	26	P2.2	23
5	P1.3	4	27	P2.3	24
6	P1.4	5	28	P2.4	25
7	P1.5	6	29	P2.5	26
8	P1.6	7	30	P2.6	27
9	P1.7	8	31	P2.7	28
10	RST	9	32	PSEN-	29
11	P3.0	10	33	ALE/PROG-	30
12	NC		34	NC	
13	P3.1	11	35	EA-/Vpp	31
14	P3.2	12	36	P0.7	32
15	P3.3	13	37	P0.6	33
16	P3.4	14	38	P0.5	34
17	P3.5	15	39	P0.4	35
18	P3.6	16	40	P0.3	36
19	P3.7	17	41	P0.2	37
20	XTAL2	18	42	P0.1	38
21	XTAL1	19	43	P0.0	39
22	Vss	20	44	Vcc	40