

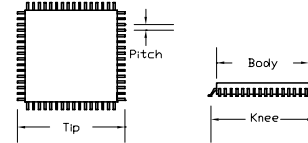
PA44-Px-QF Data Sheet

44 pin PLCC socket/44 pin QFP plug

Supported Device/Footprints

This adapter accepts 44 pin PLCC devices or emulator plugs and has a removable 44 pin QFP solder-down plug. Test points are provided near the edges of the circuit board.

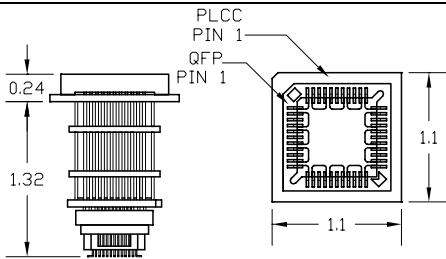
Socket			Plug	
Mfgr	Device	Package	Device	Package
Many	44 pin	PLCC	44 pin	QFP 0.8 pitch



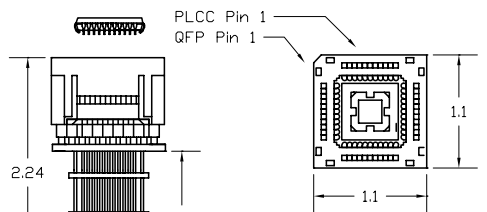
QFP Plug dimensions

Plug	Body	Knee	Tip	Pitch
PQF-44	10.0 mm typ	9.6 mm typ	12.0 mm typ	0.8 mm

Adapter Dimensions

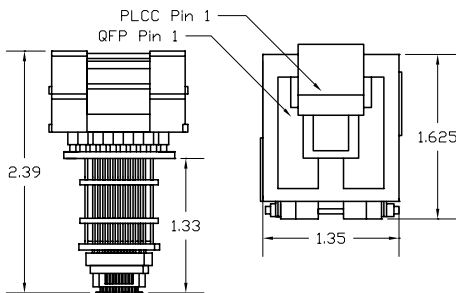


PA44-PP-QF



Press rim to open socket, Press device to close

PA44-PA-QF



PA44-PZ-QF

QFP Plug

This QFP plug will fit most 44 pin, 0.8mm pitch, QFP land patterns. Usually the pads extend from the body past the tip of the device leads. This plug will fit on pads that have a minimum span of 10.0mm or less and a maximum span of 12.0mm or more.

Inner pad span	10.0mm or less	Outer pad span	12.0mm or more
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Adapter Construction

The adapter described by this datasheet and its sub-assemblies are:

Adapter	Test Socket	Board	QFP Plug
PA44-PP-QF	none*	44PL-Q	PQF-44
PA44-PA-QF	44-306	44PP-Q	PQF-44
PA44-PZ-QF	44-400	44PZP-Q	PQF-44

* The board has a production socket soldered to it.

The QFP plug is removable from the adapter. It is intended to be permanently soldered to a PC board. Additional QFP-plugs are available so the adapter may be reused.

Test Socket

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

Test Points

These adapters offer Test Points. The Test Points are rows of plate-through holes (PTH) along the 4 edges of the adapter.

Grabbers may be used to hook onto the holes. Alternately, 0.050" pitch 11 pin strips can be soldered into the holes and connections made to the strip's pins. A right angle strip should be considered for easier access to the pins.

Adapter Wiring

The adapter is wired 1 to 1 by position. For example the upper left pin of the PLCC is connected to the upper left pin of the QFP plug.

The pin numbering system is different for PLCC and QFP. The following chart shows the connections from the PLCC device to the adapter's QFP plug, by pin number.

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