

PA32Q1498-28D6-20 Data Sheet

32 pin QFP socket/28 pin DIP 0.6" plug

Supported Device/Footprints

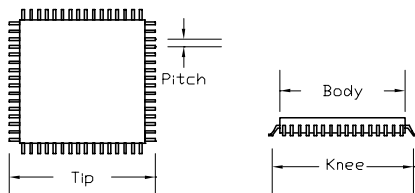
This adapter allows programming of 32 pin QFP devices in their 28 pin DIP footprint.

The following devices are supported using the indicated footprint.

Atmel: AT90S2333, AT90LS4433, AT90S4433, AT90LS4433

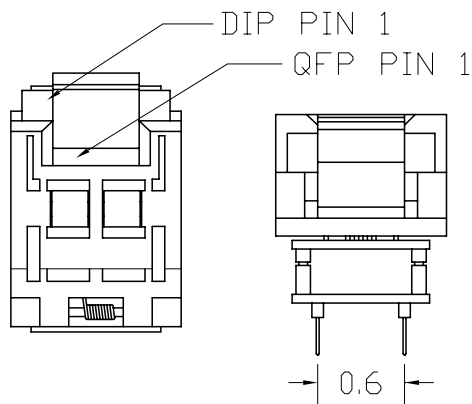
Footprint: Same device 28DIP 0.6"

The QFP socket accepts packages with the dimensions listed below:



Socket	Body	Knee	Tip	Pitch
32Q-1498	7.0 mm typ	8.0 mm typ	9.0 mm typ	0.8 mm

Adapter Dimensions



PA32QF1498-28D6-20

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 easily.

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.

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

Adapter	Test Socket	Top Board	Bottom Board
PA32Q1498-28D6-20	32Q-1498	32-1498	32-28-20-6

Test Socket

LSC #	Style	Mfgr/Pn
32Q-1498	Lidded ZIF	Yamaichi IC51-0324-1498

Adapter Wiring

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

DEVICE	PLUG	PLUG	DEVICE
1	5	4	32
2	6	3	31
3	NC	2	30
4	7	1	29
5	8	28	28
6	NC	27	27
7	9	26	26
8	10	25	25
9	11	24	24
10	12	23	23
11	13	NC	22
12	14	22	21
13	15	21	20
14	16	NC	19
15	17	20	18
16	18	19	17

Skip-Short notation(7, 10, 23, 26) using header pin numbers.