

PA51CC2-QD Data Sheet

32 pin QFP socket/40 pin DIP 0.6" plug

Supported Device/Footprints

Using this adapter, the Atmel T89C51CC02 in the QFP package can be programmed using the 40 pin DIP footprint specified by Atmel.

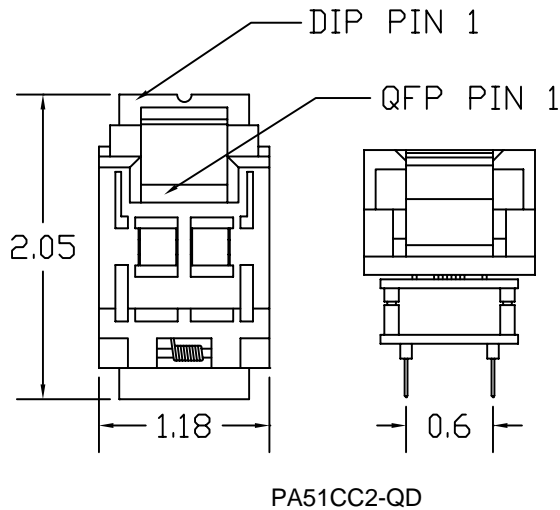
For this adapter to be useful, a programmer must offer specific support for this device and adapter combination.

Atmel: AT89C51CC02 QFP32

Footprint: Atmel specified 40 DIP 0.6"

Device			Footprint	
Mfgr	Device	Package	Device	Plug
Atmel	AT89C51CC02	QFP	T89C51CC02	40 DIP

Adapter Dimensions



Adapter Construction

These adapters are 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.

Adapter	Test Socket	Top Board	Bottom Board
PA-51CC2-QD	32QF-1498	32-1498	32CC2Q

Test Socket

LSC Socket	Style	Mfgr/Pn
32QF-1498	Lidded ZIF	Yamaichi IC51-0244-1498

Adapter Wiring

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

DEVICE	SIGNAL	PLUG
1	P4.0	23
2	P2.1	22
3	P3.7	17
4	P3.6	16
5	P3.5	15
6	P3.4	14
7	N/C	
8	P3.3	13
9	P3.2	12
10	P3.1	11
11	P3.0	10
12	N/C	
13	XTAL2	18
14	XTAL1	19
15	VCC	40
16	VSS	20
17	RST	9
18	N/C	
19	P2.0	21
20	P1.7	8
21	P1.6	7
22	P1.5	6
23	P1.4	5
24	P1.3	4
25	P1.2	3
26	P1.1	2
27	P1.0	1
28	VAREF	
29	VAGND	20
30	N/C	
31	VACC	
32	P4.1	24