Adapters

QFP44 – T_PLCC44 POD target layout

Target CPU package: QFP44
Body size: 10 mm x 10 mm
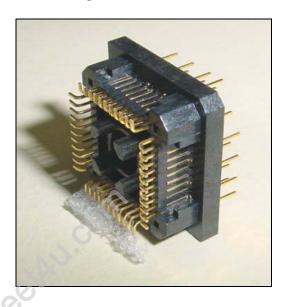Pitch: 0.8 mm
POD target layout: T_PLCC44

Can be used with:
- Philips H-8xC52 POD
- Atmel 89C51CC POD
- EH-C513 POD
- 68HC05C9 POD
- 68HC11D3E POD
- 68HC11D3S POD

Note that adapter solutions stated in the document can be used only with listed PODs. Disregarding this warning may result in hardware failure of the target and the emulation system.

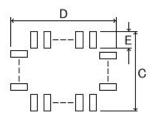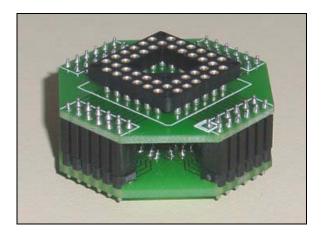➤ Required Adapter Parts (by ordering code):

- **IA44TQ-SOLDER**

Solder part, which is being soldered to the target.
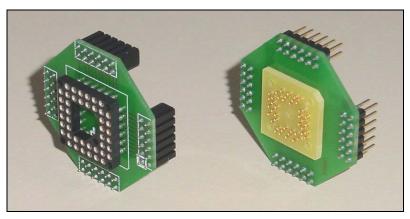
Recommended PCB footprint size (by TET):

(Unit : mm)		
C Size	D Size	E Size
13.0	13.0	2.0

- **IA44PGATQ-FIXED**

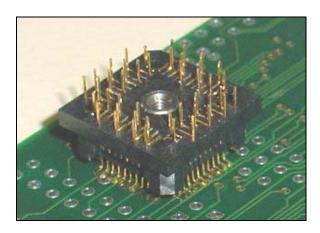The IA44PGATQ-FIXED represents fixed connection between the POD and the target.
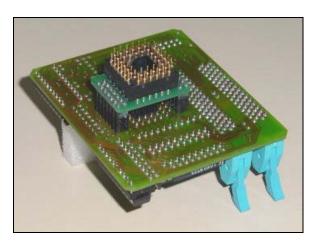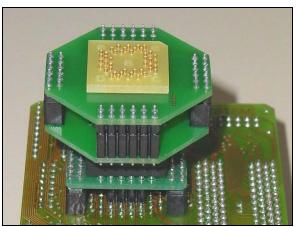

IA44PGATQ-FIXED parts

➤ Assembly

While assembling the adapter and connecting the POD to the target, pay attention to pin 1 to prevent any damages of the hardware, which may result from incorrect assembly.

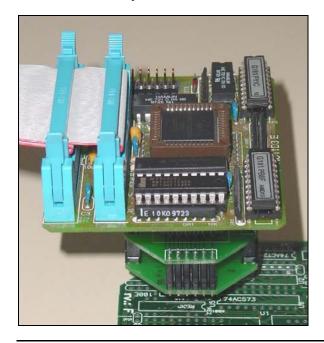**Phase 1:** Solder the IA44TQ-SOLDER to the target PCB.

Phase 2: Connect the IA44PGATQ-FIXED to the POD. A small adapter is delivered with the POD, converting the default POD target layout to the PGA44 layout. It must be connected to the POD prior connecting the IA44PGATQ-FIXED.

Phase 3: Connect the POD to the target via IA44PGATQ-FIXED.
It is recommended to use plastic posts (if shipped with the POD), to establish adequate mechanical stability.

Note that some precaution must be taken to the POD adaptation after the POD is connected to the target. Otherwise, the part soldered to the target may break off.

➤ Dimensions

(Unit : mm)	A	B	C	D	E
QFP44 (T_PLCC44)	41	13	20	17	11