

Adapters

QFP44 - TET

Target CPU package: QFP44
 Body size: 10 mm x 10 mm
 Pitch: 0.8 mm
 POD target layout: T_QFP64

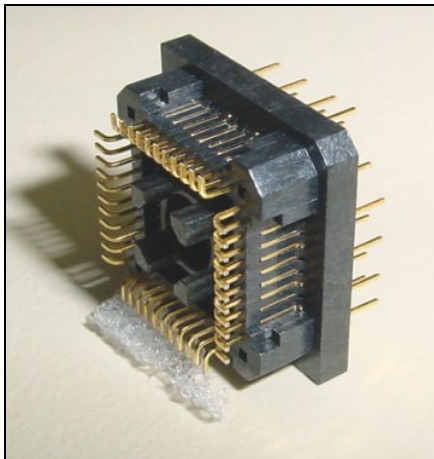
Can be used with:

- ST72F561 POD

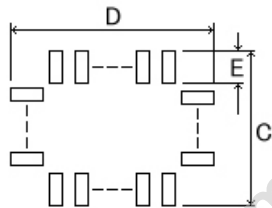
Note that adapter solutions stated in the document can be used only with listed PODs. Disregarding this warning may result in hardware failure of the target and the emulation system.

► Available Adapter Parts (by ordering code):

- IA44TQ-SOLDER

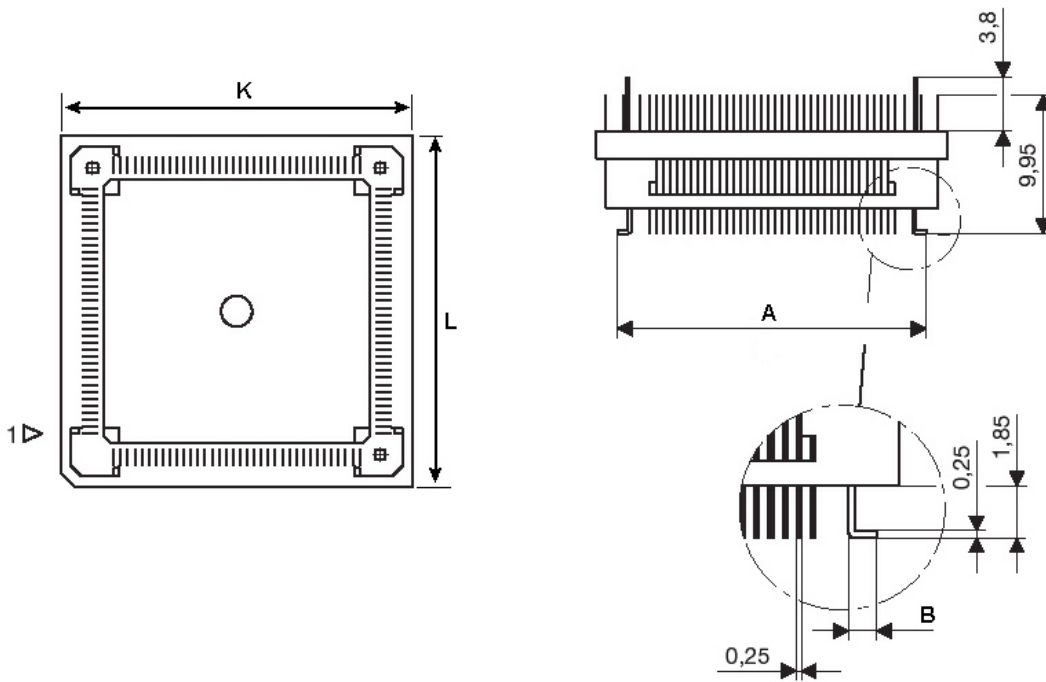


Solder part, which is being soldered to the target.



(Unit: mm)						
A	B	C	D	E	K	L
12	1.325	13.0	13.0	2.0	14.65	14.65

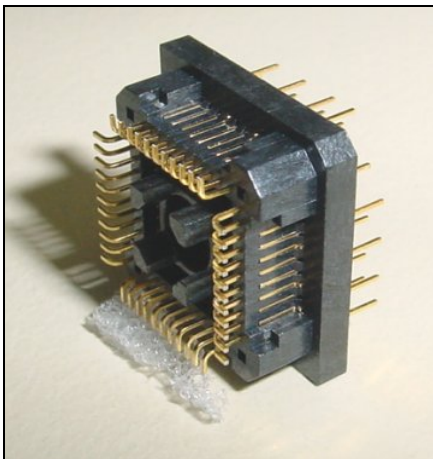
Recommended (by TET) PCB footprint size



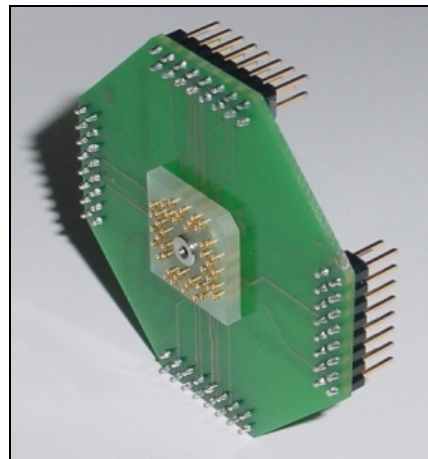
IA44TQ-SOLDER dimensions

- **IA64P44ST7-TQ**

The IA64P44ST7-TQ adapter consists of two parts. In this document, they are named IA44TQ-SOLDER and IA64P44ST7-FIXED to simplify the assembly instructions. Note that the IA64P44ST7-FIXED is not the ordering code. However, IA44TQ-SOLDER part can be ordered as a spare part under its name.

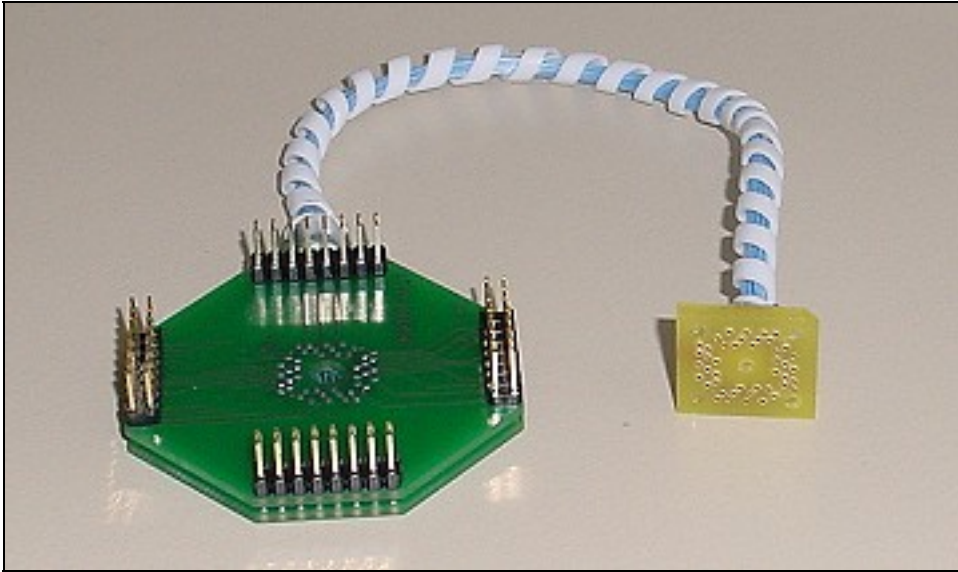


IA44TQ-SOLDER



IA64P44ST7-FIXED

- **IA64P44TQ-W-ST**



IA64P44TQ-W-ST

The IA64P44TQ-W-ST represents flexible connection between the POD and the target.

Flexible Adapter

IA64P44TQ-W-ST and IA44TQ-SOLDER are essential parts required to adapt the POD to the target QFP44 package. First, IA44TQ -SOLDER is soldered to the target and then the POD is connected via IA64P44TQ-W-ST.

► Assembly

While assembling the adapter and connecting the POD to the target, pay attention to pin 1. Improper use of the adapter or even incorrect adapter used with your particular POD can damage the emulation system and the target.

1. First, solder IA44TQ-SOLDER to the target PCB.
2. Next, connect the IA64P44TQ-W-ST to the POD.
3. Finally, connect the POD via IA64P44TQ-W-ST to the target.

Precaution must be taken after the POD is connected to the target. Adapter parts may break due to the user carelessness.

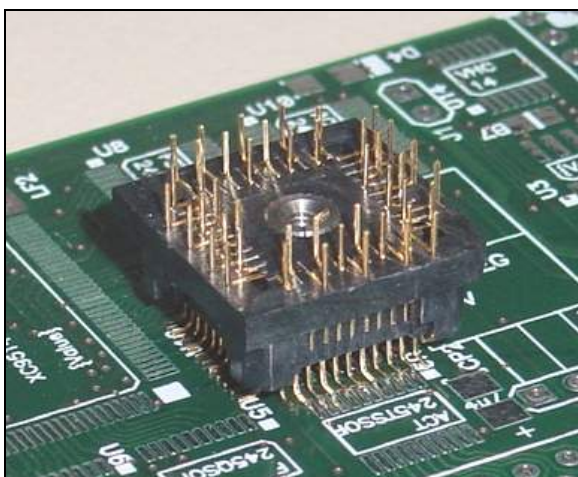
Fixed Adapter

The IA64P44ST7-TQ part is required to adapt the POD to the target QFP44 package. First, the IA44TQ-SOLDER is soldered to the target and then the POD is connected via the IA64P44ST7-FIXED.

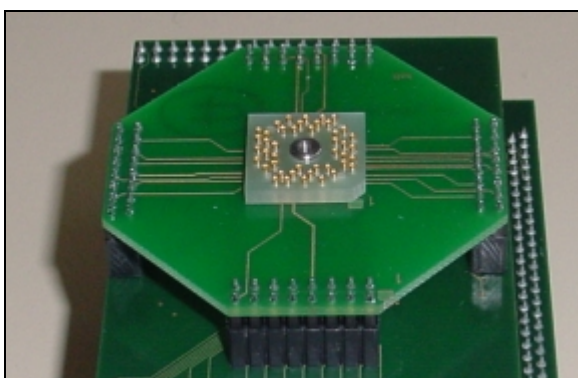
► Assembly

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.

Step 1: Solder the IA44TQ-SOLDER to the target PCB.



Step 2: Connect the IA64P44ST7-FIXED to the POD.

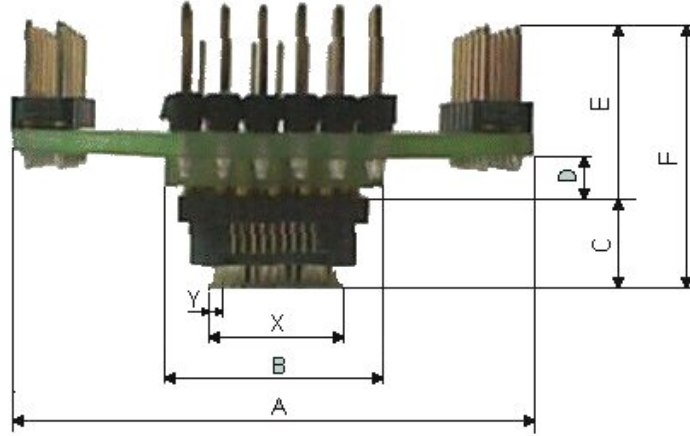


Step 3: Connect the POD to the target via IA64P44ST7-FIXED.
It is recommended to use plastic posts (if shipped with the POD), to establish adequate mechanical stability.

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

► Dimensions

(Unit : mm)	A	B	C	D	E	F	X	Y
IA64P44ST7-TQ	56 x 56	17 x 17	7.5	3.5	13.5	21	12	1.325



Notes:

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