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## Adapters

### IA64POD32MR-TQ

Target CPU package: QFP32  
Body size: 7 mm x 7 mm  
Pitch: 0.8 mm  
POD target layout: T\_QFP64

Can be used with:

- 68HC08MR POD

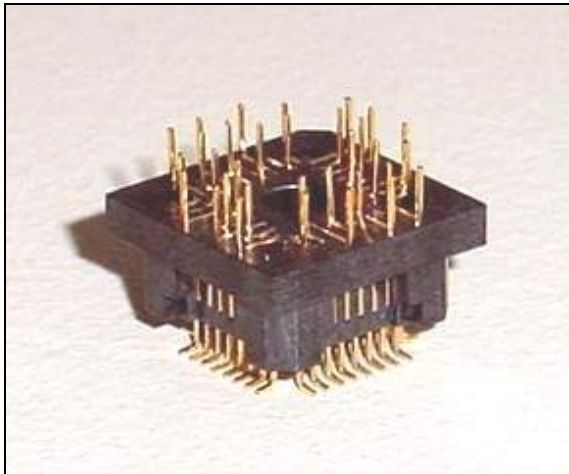
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**Note that adapter solutions stated in the document can be used only with listed PODs. Disregarding this warning may result in hardware failure of the target and the emulation system.**

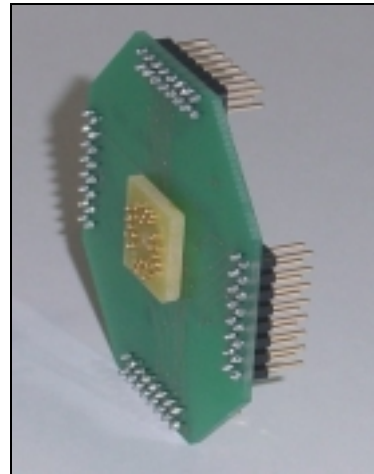
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The IA64POD32MR-TQ adapter consists of TET parts and it is used only when the 68HC08MR POD emulates the target CPU in the QFP32 package.

The IA64POD32MR-TQ adapter consists of two parts. In this document, they are named IA32TQ-SOLDER and IA64POD32MR-FIXED to simplify the assembly instructions. Note that the IA64POD32MR-FIXED is not the ordering code. However, IA32TQ-SOLDER part can be ordered as a spare part under its name.



IA32TQ-SOLDER



IA64POD32MR-FIXED

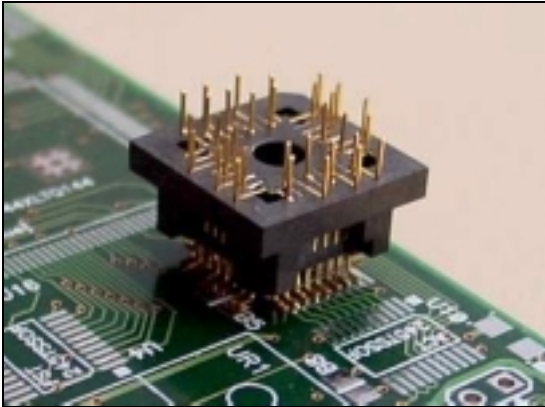
## ► Assembly

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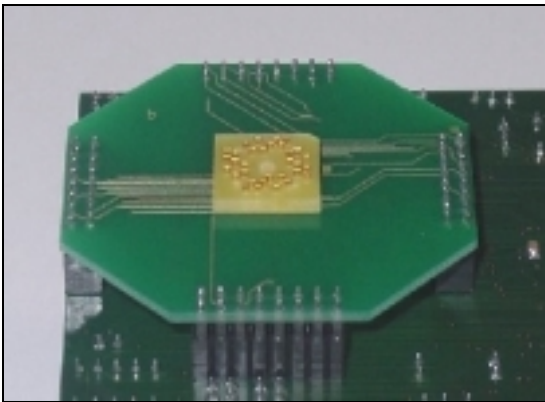
While assembling the adapter and connecting the POD to the target, pay attention to pin 1 to prevent any damages of the hardware, which may result from incorrect assembly.

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**Phase 1:** Solder the IA32TQ-SOLDER to the target PCB.



**Phase 2:** Connect the IA64POD32MR-FIXED to the POD.



**Phase 3:** Connect the POD to the target via IA64POD32MR-FIXED.

It is recommended to use plastic posts (if shipped with the POD), to establish adequate mechanical stability.



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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.

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► Dimensions

(Unit : mm)	A	B	C	D	E	F	X	Y
<b>IA64POD32MR-TQ</b>	56 x 56	14.5 x 14.5	7.5	3.5	13.5	21	9.2	1.125

