
Adapters

QFP44 - Yamaichi

Target CPU package: QFP44
Body size: 10 mm x 10 mm
Pitch: 0.8 mm
POD target layout: T_QFP44

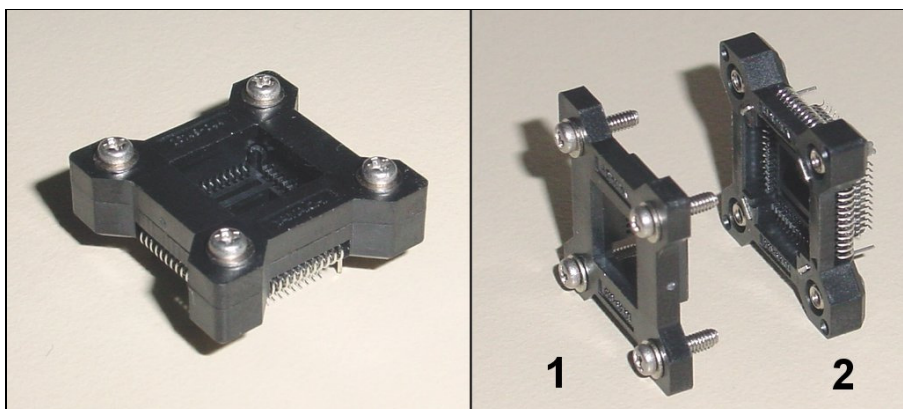
Can be used with:

- H-8xC52 POD
- ST7MC1/MC2 POD
- 68HC08GP POD
- 68HC08GP(JL) (II) POD
- 68HC08GT (II) POD
- 68HC08AP POD
- DS80C320/8031 POD (IC81025-30)
- EH-C505 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.

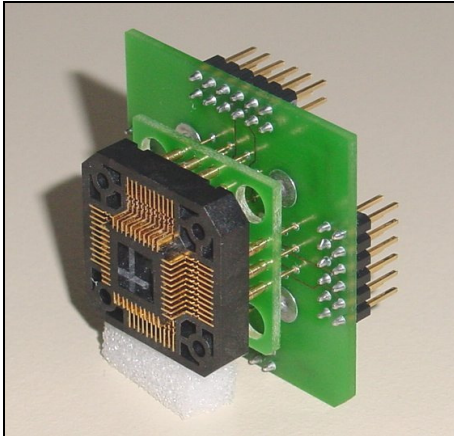
► Required Adapter Parts (by ordering code):

- **IA44YAM-SOLDER**



Solder part, which is being soldered to the target.

- **IA44YAM-FIXED**

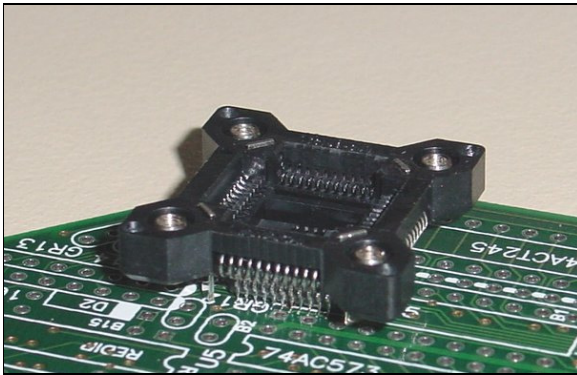


The IA44YAM-FIXED represents fixed inflexible connection between the POD and the target.

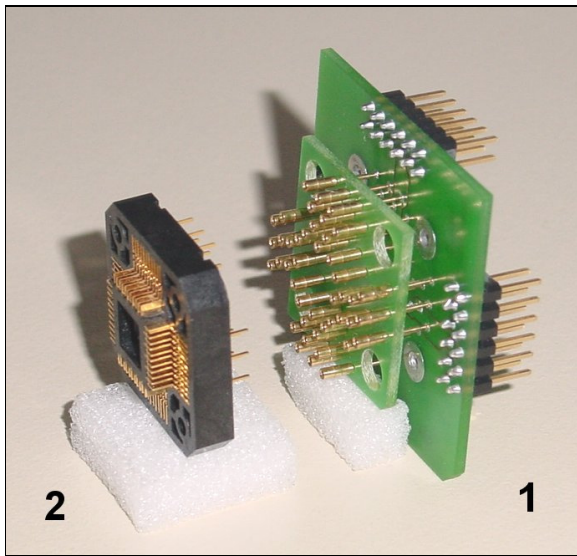
► **Assembly**

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.

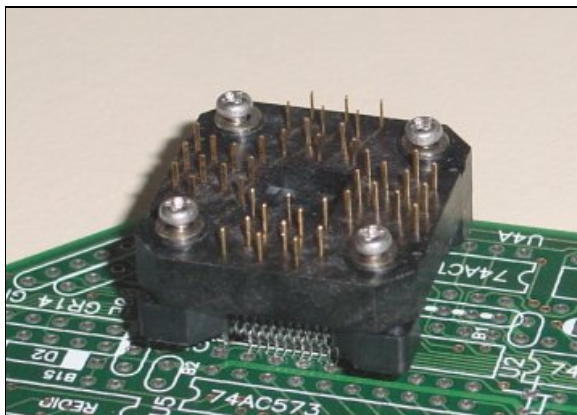
Phase 1: Solder the IA44YAM-SOLDER (part 2) to the target PCB.



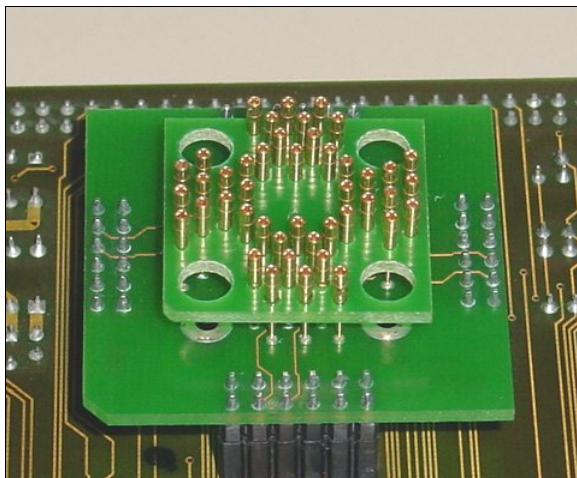
Phase 2: Disassemble the IA44YAM-FIXED.



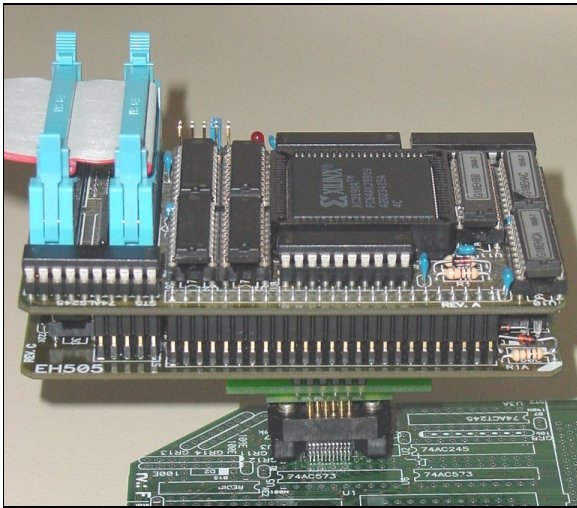
Phase 3: Place the IA44YAM-FIXED (part 2) on top of the soldered IA44YAM-SOLDER (part 2) and screw them together with four long (12 mm) screws.



Phase 4: Connect the IA44YAM-FIXED (part 1) to the POD.



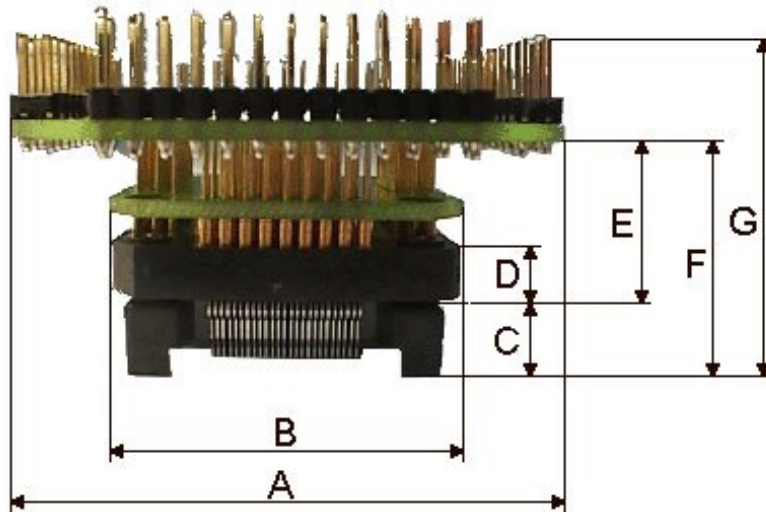
Phase 5: Connect the POD to the target via IA44YAM-FIXED.



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	F	G
Fixed Adapter - QFP44	40 x 40	28 x 28	5	6	16	21	31



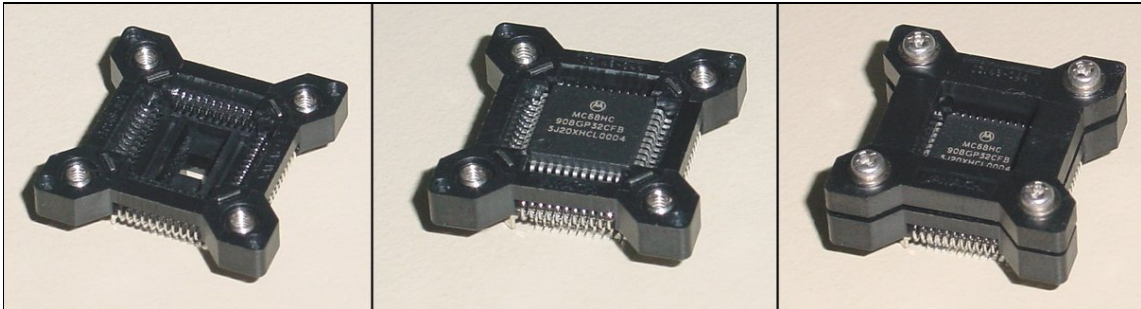
Inserting the CPU to the target

Using the IA44YAM-SOLDER, the CPU can be connected to the target. It's very suitable for the final tests.

Phase 1: Solder part 2 of the IA44YAM-SOLDER to the target.

Phase 2: Insert the CPU.

Phase 3: Place over part 1 of the IA44YAM-SOLDER and screw it down with four short (8 mm) screws.



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