

To our customers,

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Renesas Electronics website: <http://www.renesas.com>

April 1st, 2010
Renesas Electronics Corporation

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M3T-DUMMY64

Dummy IC for 64-pin 0.8mm-pitch QFP (64P6N-A)

Function

This accessory tool connects the probe of an emulation pod and the target, or an MCU and the target. Its dimensions are the same as those of the MCU for the 64-pin 0.8mm-pitch QFP (64P6N-A) package. It consists of parts (1) to (3) shown in the diagram.

Attaching Procedure

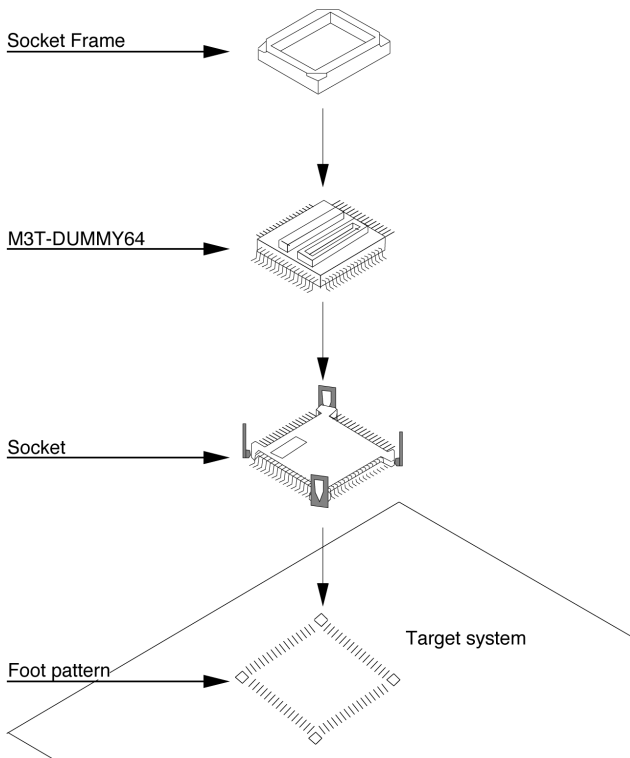
This converter can be used during debugging and board-mounted evaluation in common.

When debugging

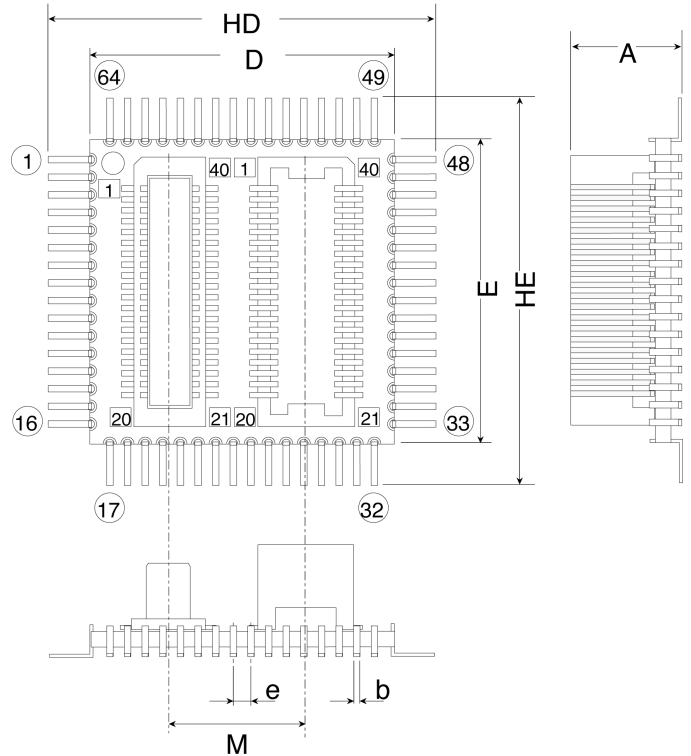
- (1) Mount a socket on the foot pattern on the target.
- (2) On top of it, mount the M3T-DUMMY64 and a socket frame in that order.
- (3) Then connect the probe of the emulation pod to the connector provided at the top of the M3T-DUMMY64.

During board-mounted evaluation

Mount an MCU and a socket frame on a socket on the target in that order.



Dimensions



denotes pin numbers of the M3T-DUMMY64.

1 denotes pin numbers of the top of a connector.

Symbol	Term	Dimensions [mm]
A	Fitting height	5.0
b	Pin width	0.3
D	Package length	14.0
E	Package width	14.0
e	Interval in row of pins	0.8
HD	Overall length	18.0
HE	Overall width	18.0
M	Mount pad size	6.3

Foot Pattern Reference Dimensions

See Appendix A "Reference Dimensional Drawing for Common 64-pin 0.8mm-pitch QFP Foot Pattern".

[Ordering Information] See Appendix H "Ordering Information".