

To our customers,

Old Company Name in Catalogs and Other Documents

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

April 1st, 2010
Renesas Electronics Corporation

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M3T-DUMMY100S

Dummy IC for 100-pin 0.65mm-pitch QFP (100P6S-A, 100P6S-E)

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 100-pin 0.65mm-pitch QFP (100P6S, 100P6S-E) package.

It consists of parts (1) to (3) shown in the diagram.

Attaching Procedure

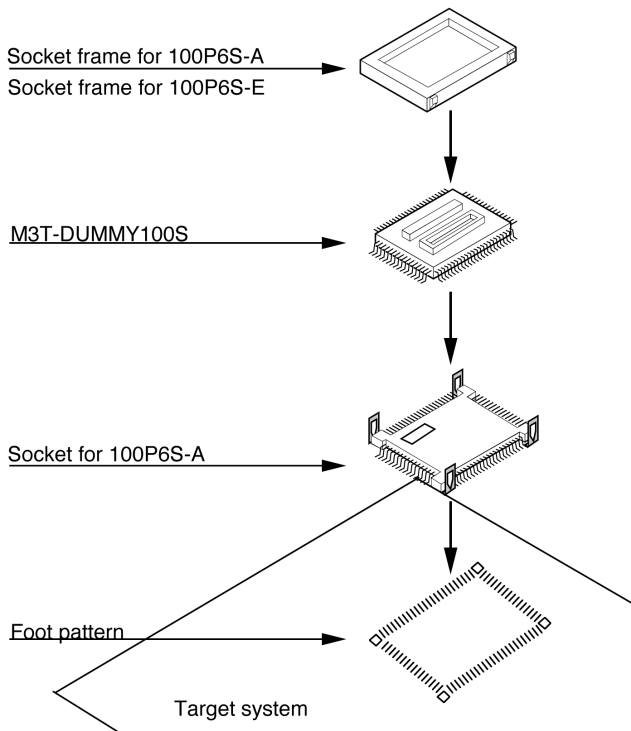
This converter can be used during debugging and board-mounted evaluation in common.

When debugging

- (1) Mount a socket on the foot pattern on the target.
- (2) On top of it, mount the M3T-DUMMY100S 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-DUMMY100S.

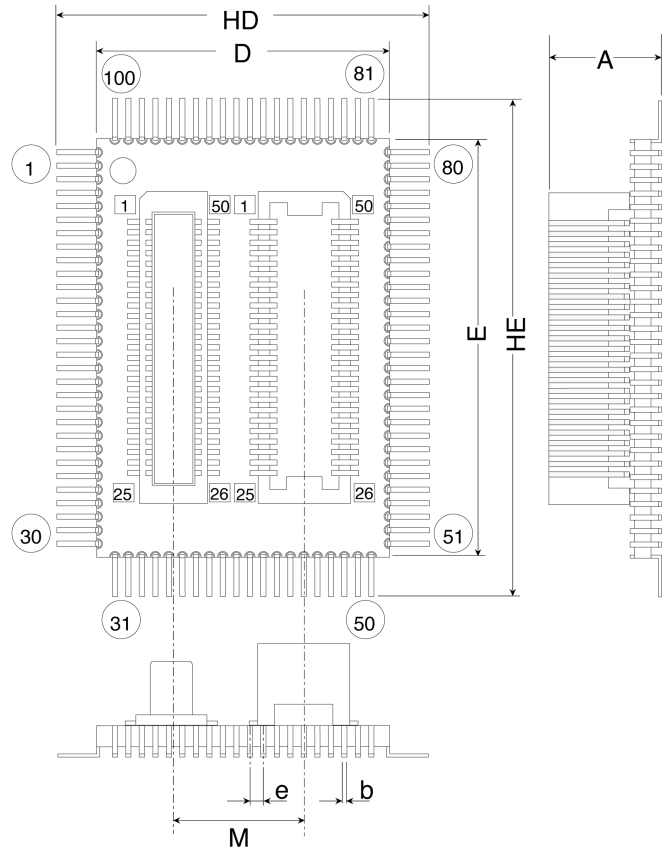
During board-mounted evaluation

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



* The 100P6S-E is an IC package whose lead wire is longer than that of 100P6S-A.

Dimensions



denotes pin numbers on the M3T-DUMMY100S.

1 denotes pin numbers of the top of a connector.

Symbol	Term	Dimensions [mm]
A	Fitting height	5.0
b	Pin width	0.25
D	Package length	14.0
E	Package width	20.0
e	Interval in row of pins	0.65
HD	Overall length	18.0
HE	Overall width	24.0
M	Mount pad size	6.3

Foot Pattern Reference Dimensions

See Appendix C "Reference Dimensional Drawings for Common 100-pin 0.65mm-pitch QFP Foot Pattern".

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