

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-DCT42B-450

Direct Dummy IC for 42-pin 0.8mm-pitch SSOP

Function

This accessory tool connects an emulation pod and the target. It can be mounted on the same foot pattern as the MCU housed in the 42-pin 0.8mm-pitch SSOP (42P2R-A) package.

Attaching Procedure

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

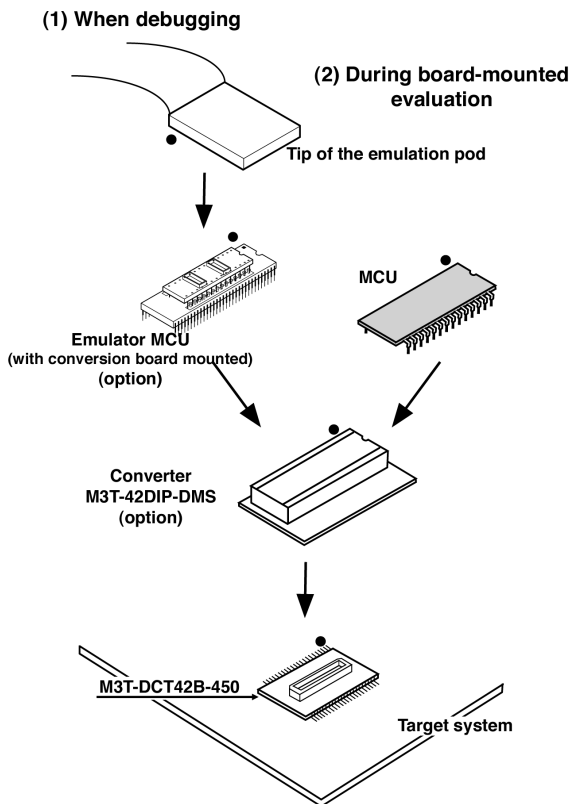
When debugging

- (1) Mount this dummy IC on the foot pattern.
- (2) Mount a converter (e.g. M3T-FLX-DCT503) on top of (1).
- (3) Then connect the emulation pod to the connector provided on the converter.

Also, when using an emulator MCU housed in the 42-pin 1.778mm-pitch SDIP (42P4B or 42S1B-A), use the converter M3T-42DIP-DMS between the MCU and the M3T-DCT42B-450.

During board-mounted evaluation

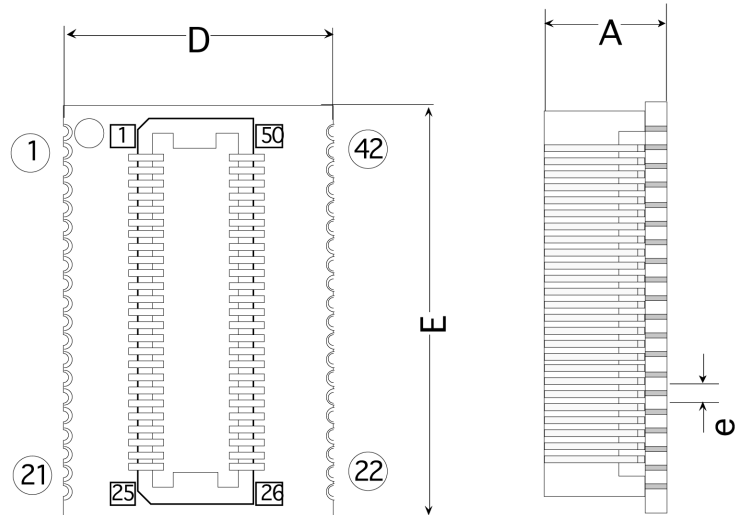
Attach the converter M3T-42DIP-DMS to the dummy IC (M3T-DCT42B-450) on the target system.



* ● : Position of No. 1 pin

* When using the emulation pod M37515T-RPD, the converter M3T-FLX-DCT503 is required.

Dimensions



denotes pin numbers on the M3T-DCT42B - 450.

1 denotes pin numbers of the top of a connector.

Symbol	Term	Dimensions [mm]
A	Fitting height	5.0
D	Package length	11.8
E	Package width	17.5
e	Interval in row of pins	0.8

Foot Pattern Reference Dimensions

See Appendix D "Reference Dimensional Drawings for SSOP Package Foot Pattern Made by Matsushita Electric Works, Ltd."

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