

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

Issued by: Renesas Electronics Corporation (<http://www.renesas.com>)

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(Note 2) “Renesas Electronics product(s)” means any product developed or manufactured by or for Renesas Electronics.

M30102T-PTC

Converter for Connecting 48-pin 0.5mm-pitch QFP for M30100T-PRB
(for M16C/10 Group M30102)

Function

The M30102T-PTC is a converter board for M30102 Group for connecting the pod probe M30100T-PRB to the footpattern for 0.5-mm-pitch QFP (48P6Q-A).

Attaching Procedure

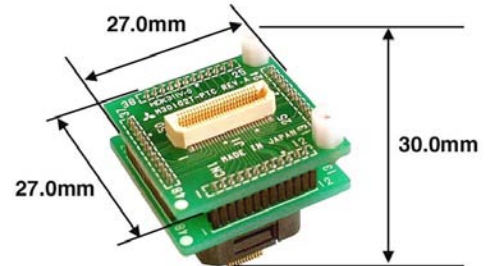
When debugging

- (1) Mount NQPACK048SD on the foot pattern on the target system.
- (2) On the top of (1), mount YQPACK048SD.
- (3) Screw down the YQPACK048SD with YQ-GUIDE's.
- (4) Connect the YQPACK048SD and M30102T-PTC.
- (5) Connect the pod probe M30100T-PRB to the upper connector of M30102T-PTC for use.

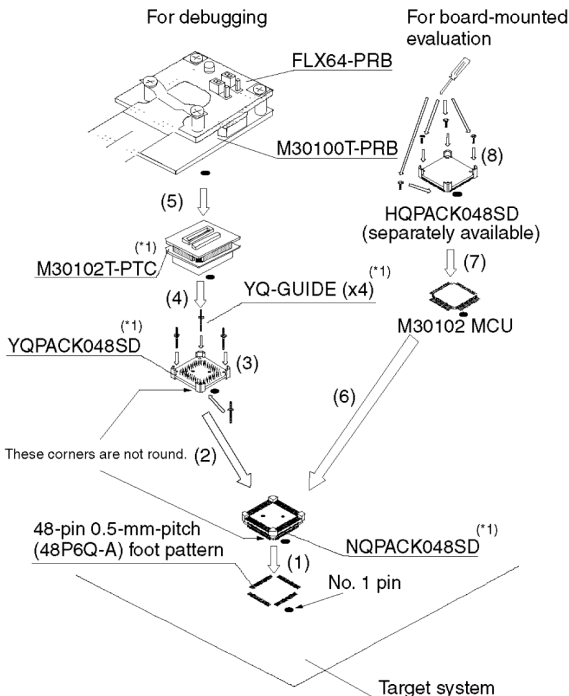
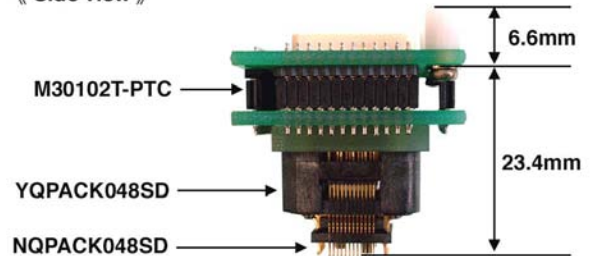
During board-mounted evaluation

Mount the M30102 MCU and the HQPACK048SD (separately available) in that order on the NQPACK048SD on the target system.

External View and Dimensions



《 Side view 》



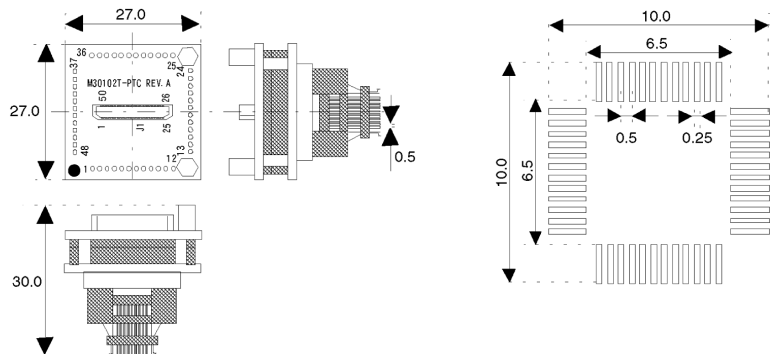
*: These 4 products are available in one package.

Package Components

- M30102T-PTC converter
- YQPACK048SD (made by Tokyo Eletech Co., Ltd.)
- NQPACK048SD (made by Tokyo Eletech Co., Ltd.)
- YQ-GUIDE (× 4)
- Phillips screw driver (made by Tokyo Eletech Co., Ltd.)
- User's manual

*Required components to connect to the target system are included with this product package. Each component made by Tokyo Eletech Co., Ltd. is optionally available alone from Tokyo Eletech Co., Ltd. See Appendix G "Contact Addresses for Partner Products".

Recommended Foot Pattern (Unit: mm)



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