

To our customers,

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## Old Company Name in Catalogs and Other Documents

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

April 1<sup>st</sup>, 2010  
Renesas Electronics Corporation

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

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# M3T-FLX-80NSD

Converter for Connecting 100-core Flexible Board FLX100 to 80-pin 0.5mm-pitch LQFP

## Function

The M3T-FLX-80NSD is a converter for connecting the FLX100 100-core flexible board to a foot pattern of an 80-pin 0.5mm-pitch LQFP (80P6Q-A). This converter can be used during debugging and board-mounted evaluation in common.

## Attaching Procedure

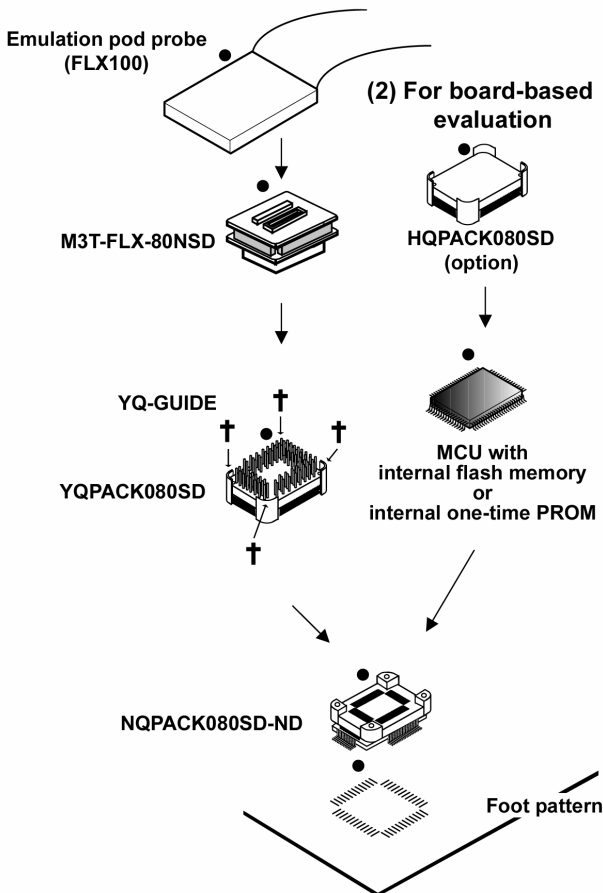
### When debugging

- (1) Mount NQPACK080SD-ND on the foot pattern on the target system.
- (2) On the top of (1), mount YQPACK080SD, M3T-FLX-80NSD in that order.
- (3) Then connect the probe of the emulation pod to the connector provided at the top of the M3T-FLX-80NSD.

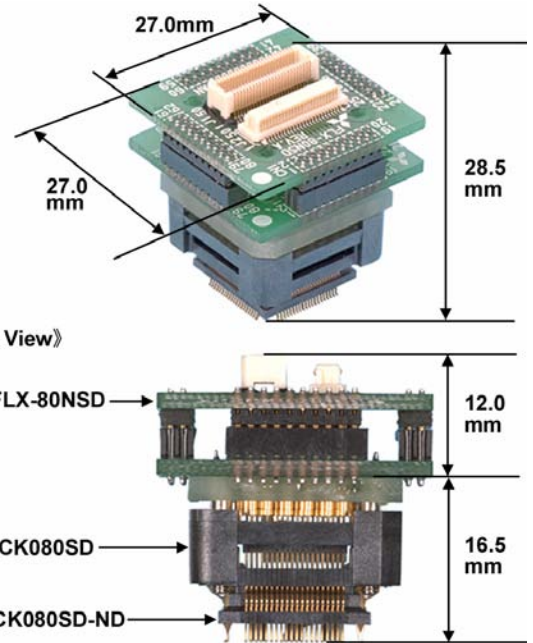
### During board-mounted evaluation

On top of NQPACK080SD-ND that is mounted on the target system, attach the MCU with on-chip flash memory or one-time PROM and the HQPACK080SD (option) in that order.

### (1) For debugging



## External View and Dimensions



## Package Components

- M3T-FLX-80NSD converter
- YQPACK080SD (made by Tokyo Eletech Co., Ltd.)
- NQPACK080SD-ND (made by Tokyo Eletech Co., Ltd.)
- YQ-GUIDE (× 4)
- 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".

## Foot Pattern Reference Dimensions

See Appendix E "List of TQPACK/NQPACK Foot Patterns Made by Tokyo Eletech Co., Ltd."

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