M3028BT-EPBM

MCU Board for Replacing M3028BT-EPB and M30290T2-CPE

User's Manual (for replacement)

Keep safety first in your circuit designs!

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CAUTION	If the requirements shown in the "CAUTION" sentences are ignored, the equipment may cause personal injury or damage to the products.

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1. Outline

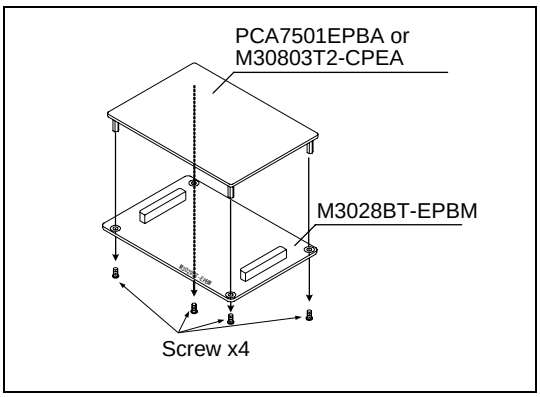
The M3028BT-EPBM is an MCU board for replacing the emulation probe M3028BT-EPB and the compact emulator M30290T2-CPE for M16C/Tiny Series.

2. Components

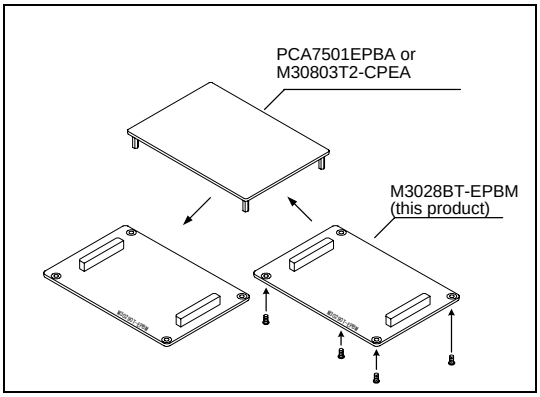
Package components

Description	Quantity
M3028BT-EPBM MCU board for replacing the M3028BT-EPB and M30290T2-CPE	1
M3028BT-EPBM User's Manual (for replacement) (This manual)	1
M3028BT-EPBM User's Manual (for replacement) (Japanese)	

3. Replacing MCU Boards



(1) Unscrew the four screws included with the M3028BT-EPB or the M30290T2-CPE.
(2) Pull out the M3028BT-EPBM from the PCA7501EPBA of the M3028BT-EPB, or from the M30803T-CPEA of the M30290T2-CPE. Note that pull them out vertically, otherwise the connectors may be damaged.



(3) Attach the new M3028BT-EPBM to the PCA7501EPBA of the M3028BT-EPB, or the M30803T2-CPEA of the M30290T2-CPE. The connecting directions are as follows
- With the M3028BT-EPB
PCA7501EPBA J3 connector to M3028BT-EPBM J1 connector
PCA7501EPBA J4 connector to M3028BT-EPBM J2 connector
- With the M30290T2-CPE
M30803T2-CPEA J3 connector to M3028BT-EPBM J1 connector
M30803T2-CPEA J4 connector to M3028BT-EPBM J2 connector

(4) Tighten the four screws in an even, crisscross pattern to secure the new M3028BT-EPBM with a screwdriver.
(5) After replacing the board, perform the self-check to make sure that it is installed properly. For details on the self-check, refer to the user's manual of each product.

Figure 3.1 Replacing MCU boards

4. Precautions for Safety

⚠ CAUTION

Cautions to Be Taken for Handling This Product:

- Before you replace the MCU board, shut off the power, otherwise internal circuits may be damaged.
- Insert or pull out the MCU board vertically, otherwise the connectors may be damaged.
- For the M3028BT-EPB, after replacing the MCU board, be careful about the direction for connecting to the PC7501.
- The MCU board with 24MHz sticker for the M30290T-EPB and the M30290T2-CPE can be replaced with this product.

Note on This product:

- For inquiries about the product or the contents of this manual, contact your local distributor.
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