# Table 1 Specifications

2. Package Components

Applicable package	PRBG0272FA-A
	(272-pin 1.0-mm-pitch BGA)
Insertion/removal iterations of connector	100 times guaranteed

# 4. Usage (See Figure 2)

The RTE7701407CBF272T000R can be used for debugging and on-board evaluation in common by mounting the TC on the target system.

#### (1) For debugging

Mount the TC on the pad pattern for the MCU on the target system board. In addition, connect the RTE7701407CBF272T000R to the pod, and then attach the RTE7701407CBF272T000R above the TC. The height of the socket is adjustable by inserting the SA1 or SA2 between the TC and RTE7701407CBF272T000R if this is desired. Before using the SA1 or SA2, be sure to read the precautions on page 3.

(2) For on-board evaluation The TC on the user system is used to attach the MA after it has been fitted with an MCU that has flash ROM or a one-time PROM.

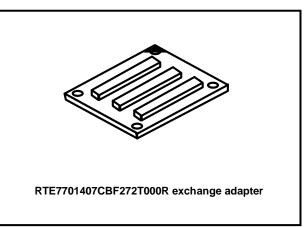
Corporation) Model Name: CSSOCKET272Z2021RE03 SA2: Space adapter (sold separately, product of Tokyo Eletech Corporation) Model Name: CSSOCKET272Z2021RE04 TC: Target connector (sold separately, product of Tokyo Eletech Corporation) Model name: BSSOCKET272Z2021RE21N

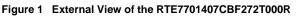
SA1: Space adapter (sold separately, product of Tokyo Eletech

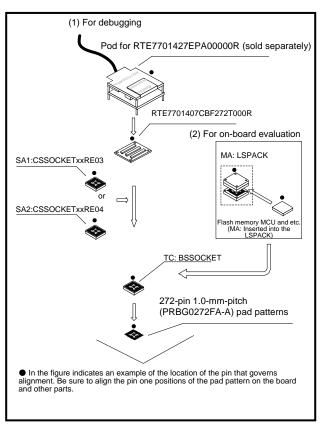
MA: Mounting adapter (sold separately, product of Tokyo Eletech Corporation)

Model name: LSPACK272Z2021RE11 or LSPACK272Z2021RE12 Note: Contact Tokyo Eletech Corporation and select the adapter to use according to how you will be placing components on the target system.













in 272-pin 1.0-mm-pitch BGA

The RTE7701407CBF272T000R is an exchange adapter (EA) for connecting the RTE7701427EPA00000R emulator pod for the RH850/D1x (subsequently referred to as the pod) to pad patterns for a 272-pin 1.0-mm-pitch

Check to see if the RTE7701407CBF272T000R package has all the following contents with reference to Contents of the Package included in the package after

RTE7701407CBF272T000R exchange adapter 1 pc.

Table of Toxic and Hazardous Substance and Elements 1 sh.

1. Outline

BGA (PRBG0272FA-A).

purchasing this product.

3. Specifications

(1)
 (2)

RTE7701407CBF272T000R

Exchange Adapter for Connecting RH850/D1x Series

R20UT3493EJ0100 Rev. 1.00 Oct. 01, 2015



# RTE7701407CBF272T000R

### User's Manual

### 5. Connection Procedure (See Figure 3)

The procedure for connecting the RTE7701407CBF272T000R is shown below.

- (1) Mount the TC on the user system.
- (2) Attach the RTE7701407CBF272T000R to the pod.
- (3) Attach the RTE7701407CBF272T000R to the TC.

Confirm that there are neither cracks nor bends on the contact pins of the RTE7701407CBF272T000R at the time it is attached.

 Adjusting the height of the socket The height of the socket is adjustable by inserting an SA1 or SA2 between the TC and the RTE7701407CBF272T000R. For more information on the SA1 and SA2, contact Tokyo Eletech Corporation.

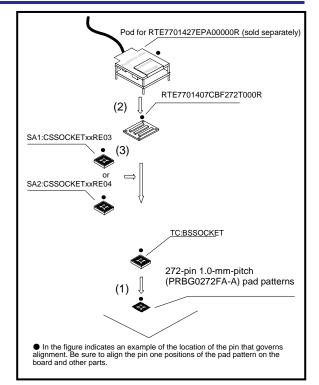
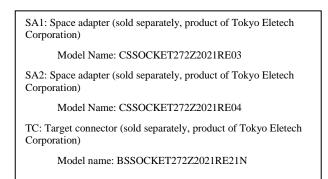


Figure 3 Procedure for Connecting the RTE7701407CBF272T000R



# 6. Drawing of the Socket Assembly, Drawing with Dimensions, and Pad Pattern for Reference

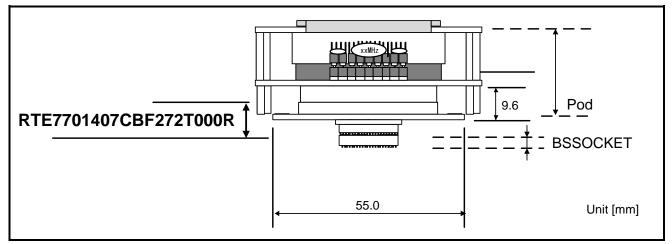


Figure 4 Drawing of the Socket Assembly



## RTE7701407CBF272T000R

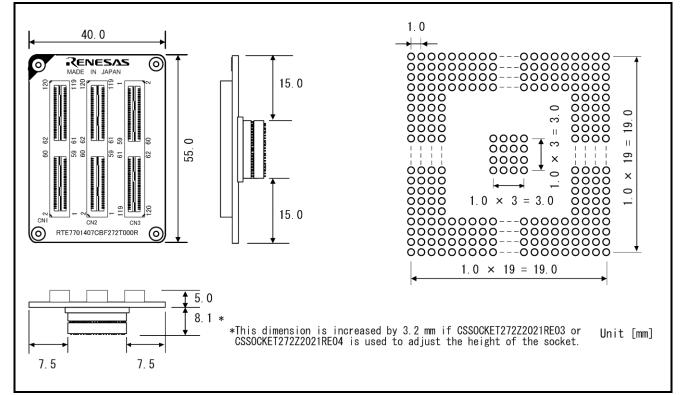


Figure 5 Drawing with Dimensions and a Pad Pattern for Reference

### 7. Precautions and WEEE Directive



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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