

[Notes]RX Family

R20TS0983EJ0100

Rev.1.00

Dec. 01, 2023

Note when using the Secure Boot and Firmware Update

demo project in TSIP Module Firmware Integration Technology package

Outline

We are contacting you with notes on the Secure Boot and Firmware Update demo project attached to the TSIP Module Firmware Integration Technology (source code version).

1. Note when using the Secure Boot and Firmware Update demo project attached to the TSIP Module Firmware integration Technology

1.1 Applicable Products

Secure Boot and Firmware Update demo projects attached to the TSIP Module Firmware Integration Technology (TSIP Module FIT) Rev.1.18 (R20AN0371) package are applicable.

1.2 Applicable Devices

RX65N, RX651 Group
RX671 Group
RX72M Group
RX72N Group

1.3 Details

In the Firmware Update project, the MAC verification of the firmware which is not manipulated fails under certain conditions.

1.4 Conditions

The behavior occurs when these conditions are established.

- The Secure Boot and Firmware Update demo project attached to the TSIP Module FIT Rev.1.18 package is used.
- In the updating firmware, the allocated data in the head 16 bytes in block 8 or block 9 of Code Flash Memory is not 0xFF.

1.5 Workaround and Schedule for Fixing the Program

The behavior has already fixed in the Secure Boot and Firmware Update demo projects attached to the TSIP Module FIT Rev.1.19.

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Dec.01.23	-	First edition issued

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