

[Notes]

R20TS0448EJ0100

RX Family

Rev.1.00

Jul. 16, 2019

PTP Get Synchronous Time Using Firmware Integration Technology Modules,  
 Ethernet Simple Switch Function Using Firmware Integration Technology Modules,  
 Ethernet Multicast Frame Filter Function Using Firmware Integration Technology Modules  
 Ethernet Controller: Retrieve Recommend Operation in case of Illegal Frame Detection

Outline

When using the products in the title, note the following point.

1. When calling the “R\_ETHER\_Read\_ZC2\_BufRelease” function or “R\_ETHER\_Read” function

1. When Calling the “R\_ETHER\_Read\_ZC2\_BufRelease” Function or “R\_ETHER\_Read” Function

1.1 Applicable Products

- Sample programs that include the Ethernet FIT module

The product names and revision numbers of the applicable sample programs and the revision numbers of the included Ethernet FIT module are listed below.

Table 1.1 Products that include the Ethernet FIT module

Sample program product name	Document number
RX Family PTP Get Synchronous Time Using Firmware Integration Technology Modules Rev.1.12 and earlier versions	R01AN1983EJxxxx *1
RX Family Ethernet Simple Switch Function Using Firmware Integration Technology Modules Rev.1.11 and earlier versions	R01AN3036EJxxxx *2
RX Family Ethernet Multicast Frame Filter Function Using Firmware Integration Technology Modules Rev.1.11 and earlier versions	R01AN3037EJxxxx *2
RX Family Ethernet Controller: Retrieve Recommend Operation in case of Illegal Frame Detection Rev.1.11 and earlier versions	R01AN2604EJxxxx *2

\*1: xxxx indicates the (revision) number 0112 or below.

\*2: xxxx indicates the (revision) numbers 0111 or below.

1.2 Applicable Devices

RX63N, RX65N, RX64M, and RX71M groups

### 1.3 Details, Conditions and Workaround

The error occurs in the RX family Ethernet module using Firmware Integration Technology (r\_ether\_rx) included in the sample program.

For details, see RENESAS TOOL NEWS, Document No. R20TS0447EJ0100 section 1.3 through 1.5.

<https://www.renesas.com/search/keyword-search.html#genre=document&documenttype=531&q=r20ts0447>

[Notes]

RX Family

Ethernet Module Using Firmware Integration Technology,

RX Driver Package

### 1.4 Schedule for Fixing the Problem

This problem will be fixed in a later version.

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Jul.16.19	-	First edition issued

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