[Notes]

RX Family

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

2. When calling the "R_ETHER_Write_ZC2_SetBuf" function or "R_ETHER_Write" function

1. When Calling the "R_ETHER_Read_ZC2_BufRelease" Function or "R_ETHER_Read" Function

1.1 Applicable Products

➢ Sample programs including the Ethernet FIT module

The product name and revision number of the applicable sample program and the revision number of the included Ethernet FIT module are as follows.

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	R01AN1983EJxxxx [*1]
RX Family Ethernet Simple Switch Function Using Firmware Integration Technology Modules Rev.1.11 and earlier	R01AN3036EJxxxx [*2]
RX Family Ethernet Multicast Frame Filter Function Using Firmware Integration Technology Modules Rev.1.11 and earlier	R01AN3037EJxxxx [*2]
RX Family Ethernet Controller: Retrieve Recommend Operation in case of Illegal Frame Detection Rev.1.11 and earlier	R01AN2604EJxxxx [*2]

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

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

1.2 Applicable Devices

RX63N, RX65N, RX64M, RX71M, and RX72M 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. R20TS0481EJ0100, section 1.3 through 1.5.

https://www.renesas.com/search/keyword-search.html#genre=document&documenttype=531&q=r20ts0481
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RX Family
Ethernet Module Firmware Integration Technology,

RX Driver Package

1.4   Schedule for Fixing the Problem

This problem will be fixed in a later version.

2. When Calling the "R_ETHER_Write_ZC2_SetBuf" Function or "R_ETHER_Write" Function

2.1 Applicable Products

➢ Sample programs that include the Ethernet FIT module

The product name and revision number of the applicable sample program and the revision number of the included Ethernet FIT module are as follows.

Table 2.1 Products that includes the Ethernet FIT module

Sample program product name	Document number
RX Family Ethernet Simple Switch Function Using Firmware Integration Technology Modules Rev.1.11 and earlier	R01AN3036EJxxxx [*1]
RX Family Ethernet Multicast Frame Filter Function Using Firmware Integration Technology Modules Rev.1.11 and earlier	R01AN3037EJxxxx [*1]

*1: xxxx indicates the (revision) number 0111 or below.

2.2 Applicable Devices

RX63N, RX65N, RX64M, RX71M, and RX72M groups

2.3 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. R20TS0481EJ0100, section 2.3 through 2.5.

Https://www.renesas.com/search/keyword-search.html#genre=document&documenttype=531&q=r20ts0481
[Notes]
RX Family
Ethernet Module Firmware Integration Technology,

RX Driver Package

2.4 Schedule for Fixing the Problem

This problem will be fixed in a later version.

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Oct.01.19	-	First edition issued

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