

[Notes]

R20TS0485EJ0100

Rev.1.00

Oct. 01, 2019

RX64M Group

TCP/IP Protocol Stack Based Network Solution for Industrial Applications

RX Driver Package Application

RX64M, RX71M Group

TCP/IP Protocol Stack Based Network Solution for Industrial Applications

RX Driver Package Application

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 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 1.1 Products that include the Ethernet FIT module

Sample program product name	Document number
RX64M Group TCP/IP Protocol Stack Based Network Solution for Industrial Applications RX Driver Package Application Rev.1.00	R01AN2153EJ0100
RX64M, RX71M Group TCP/IP Protocol Stack Based Network Solution for Industrial Applications RX Driver Package Application Rev.1.03 and earlier	R01AN2608EJxxxx *

*: xxxx indicates the (revision) number 0103 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 include the Ethernet FIT module

Sample program product name	Document number
RX64M Group TCP/IP Protocol Stack Based Network Solution for Industrial Applications RX Driver Package Application Rev.1.00	R01AN2153EJ0100
RX64M, RX71M Group TCP/IP Protocol Stack Based Network Solution for Industrial Applications RX Driver Package Application Rev.1.03 and earlier	R01AN2608EJxxxx *

*: xxxx indicates the (revision) number 0103 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>

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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.

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Revision History

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

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