

[Notes]

R20TS0483EJ0100

Rev.1.00

RX Family

Oct. 01, 2019

Sample Code That Uses TCP/IP for Embedded System M3S-T4-Tiny
 Firmware Integration Technology,
 Application Example Using the Embedded TCP/IP M3S-T4-Tiny (DHCP/DNS/FTP/HTTP)
 Firmware Integration Technology

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
RX Family Sample code that uses TCP/IP for Embedded system M3S-T4-Tiny Firmware Integration Technology Rev.1.06 and earlier	R20AN0312EJxxxx*1
RX Family Application example using the embedded TCP/IP M3S-T4-Tiny (DHCP/DNS/FTP/HTTP) Firmware Integration Technology Rev.1.02 and earlier	R01AN3037EJxxxx *2

*1: xxxx indicates the (revision) number 0106 or below.

*2: xxxx indicates the (revision) number 0102 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

There is no schedule for fixing this problem for these products.

Use an Ethernet FIT module that has this issue fixed instead.

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
RX Family Sample code that uses TCP/IP for Embedded system M3S-T4-Tiny Firmware Integration Technology Rev.1.06 and earlier	R20AN0312EJxxxx ^{*1}
RX Family Application example using the embedded TCP/IP M3S-T4-Tiny (DHCP/DNS/FTP/HTTP) Firmware Integration Technology Rev.1.02 and earlier	R01AN3037EJxxxx ^{*2}

*1: xxxx indicates the (revision) number 0106 or below.

*2: xxxx indicates the (revision) number 0102 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

There is no schedule for fixing this problem for these products.

Use an Ethernet FIT module that has this issue fixed instead.

Revision History

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

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