

RENESAS TOOL NEWS on February 16, 2016: 160216/tn4

## Note on Using the Following Tools: CS+ Code Generator for RX, e2 studio (Code Generator Plug-in), AP4 Coding Assistance Tool for RX

When using the CS+ code generator for RX, the e2 studio (Code Generator Plug-in), or the AP4 coding assistance tool for RX, take note of the problem on the following point that is described in this note.

- FIFO embedded Serial Communications Interface SCIFA10 Applicable MCUs:  
RX71M group (144 or more pins) and RX64M group (144 or more pins)
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### 1. Applicable Products

- V1.09.00 and later versions of the CS+ Code Generator for RX
- 4.2.0.012 and later versions of the e2 studio  
(V2.1.1 and later versions of the Code Generator Plug-in)
- V1.08.00 and later versions of the AP4 coding assistance tool for RX\*

\*: This note also applies to the following products.

- V1.04.00 and later versions of the Application Leading Tool  
which is a coding assistance tool for RX

Note: The Application Leading Tool for RX is listed separately because its name has been changed to AP4 for RX from V1.08.00 (the latter are the newer versions of the former).

### 2. Applicable MCUs

- RX family: RX71M group (144 or more pins)  
RX64M group (144 or more pins)

### 3. Description

Settings to select the following pins for the RXD10 and TXD10 pin functions of the FIFO embedded Serial Communications Interface SCIFA10



## (b) Setting P87 as TXD10

Before modification:

```
-----  
void R_SCIFA10_Create(void)  
{  
.....  
    /* Set TXD10 pin */  
    MPC.P82PFS.BYTE = 0x0AU; /* Setting the peripheral function */  
                          /* to be allocated to P82. */  
    PORT8.PMR.BYTE |= 0x04U; /* P82 is used for a peripheral */  
                          /* module. */  
.....  
}
```

After modification:

```
-----  
void R_SCIFA10_Create(void)  
{  
.....  
    /* Set TXD10 pin */  
    MPC.P87PFS.BYTE = 0x0AU; /* Setting the peripheral function */  
                          /* to be allocated to P87. */  
    PORT8.PMR.BYTE |= 0x80U; /* P87 is used for a peripheral */  
                          /* module. */  
.....  
}
```

## 5. Schedule for Fixing the Problem

This problem will be fixed in the next version.

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