

Note on Using Application Leading Tool for RX111

When using automatic driver generator Application Leading Tool for RX111, take note of the following problems:

- Restriction on Data handled by polling
 - Note on Clock Generator setting
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1. Restriction on Data handled by polling

1.1 Product and Version Concerned

Application Leading Tool for RX111 V1.00.00

1.2 Description

When Data handled by polling is selected for the data processing settings shown below, the Application Leading Tool will not operate correctly in some cases.

- Data processing settings for the serial communication interface (SCI)
- Data processing settings for the serial peripheral interface

1.3 Workaround

Do not select Data handled by polling.

1.4 Schedule of Fixing Problem

We plan to make Data handled by polling unselectable in the next version.

2. Note on Clock Generator Setting

2.1 Product and Version Concerned

Application Leading Tool for RX111 V1.00.00

2.2 Description

In the clock generator setting, a problem that values exceeding the limitation in the device can be specified has been found.

2.3 Workaround

(1) Output frequencies under System clock setting

When VCC is set to a voltage that is higher than or equal to 2.4 V and lower than 2.7 V, specify appropriate frequency division ratios so that System clock, Peripheral module clock, Peripheral module clock for ADC, and Flash IF clock become 16 MHz or lower.

(2) Output frequency under CLKOUT pin setting

Specify an appropriate frequency division ratio so that the output frequency becomes 8 MHz or lower when VCC is set to 2.7 V or higher, or 4 MHz or lower when VCC is set to a voltage lower than 2.7 V.

2.4. Schedule of Fixing Problem

We plan to modify the product not to specify the values exceeding the limitation in the device in the next version.

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