RENESAS Tool News

Note on Using Renesas Peripheral Driver Library for RX62N/RX621 Groups and Peripheral Driver Generator --With Using I2C-Bus Interface (RIIC) of RX62N/RX621 Groups--

When using Renesas Peripheral Driver Library for the RX62N/RX621 groups and Peripheral Driver Generator, take note of the following problem:

- With using I2C-bus interface (RIIC) of RX62N/RX621 groups

1. Products and Versions Concerned
- RX62N, RX621 Group Renesas Peripheral Driver Library V.1.02
- Peripheral Driver Generator V.2.01 and later

2. Description
If slave addresses equal to or less than 0x00FF are transmitted in the 10-bit address format via the I2C-bus interface (RIIC), they are done in the 7-bit address format.

3. Workaround
To avoid this problem, do not use the 10-bit address mode for transmitting slave addresses equal to or less than 0x00FF. If you use this mode, transmit slave addresses equal to or greater than 0x0100.

4. Schedule of Fixing Problem
We plan to fix this problem in a version published later.