The RX Family RX Driver Package Ver.1.27 is released on the web. This product has been updated from the RX family RX Driver Package Ver.1.26. The update includes addition of updated modules within the package. This product is available free of charge.

1. Product Features

What is an RX Driver Package?

The RX Driver Package is a software package for using basic functions such as initializing MCUs, self-programming of flash memory, timer control, UART communications, and A/D conversion, and application functions such as USB and Ethernet.

For details, refer to the following URL:

https://www.renesas.com/rdp

2. Major Changes from RX Family RX Driver Package Ver.1.26 to Ver.1.27

(1) Update of FIT modules

The FIT modules have been updated. For the differences between RX Driver Package Ver.1.26 and Ver.1.27, refer to the following application note:


RX Family RX Driver Package Ver.1.27

3. FIT modules

3. Supported Devices

RX110, RX111, RX113, RX130, and RX13T groups
RX230, RX231, RX23E-A, RX23T, RX23W, RX24T, and RX24U groups
RX64M, RX651, RX65N, RX66N, and RX66T groups
RX71M, RX72M, RX72N, and RX72T groups

Note: The FIT modules for the following devices are no longer being updated.

RX210, RX21A, and RX220 groups
RX610, RX621, RX62N, RX62T, RX62G, RX630, RX631, RX63N, and RX63T groups

For details, see the Tool News below:

https://www.renesas.com/document/tnn/notification-renesas-rx-family-firmware-integration-technology-fit-addition-supported-compilers-and

Document number: R20TS0437EJ0100

[Notification]
Renesas RX Family Firmware Integration Technology (FIT)
- Addition of Supported Compilers and End of FIT Module Updates for Some Devices -
4. Operating Environment

The operating environment is as follows.

Table 1 Operating Environment

<table>
<thead>
<tr>
<th>IDE</th>
<th>IDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>e² studio</td>
<td>e² studio</td>
</tr>
<tr>
<td>CS+</td>
<td>CS+</td>
</tr>
<tr>
<td>IAR Embedded Workbench for Renesas RX</td>
<td>IAR Embedded Workbench for Renesas RX</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cross tool</th>
<th>Cross tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>C/C++ Compiler Package for RX Family</td>
<td>C/C++ Compiler Package for RX Family</td>
</tr>
<tr>
<td>IAR C/C++ Compiler for Renesas RX</td>
<td>IAR C/C++ Compiler for Renesas RX</td>
</tr>
<tr>
<td>GCC for Renesas RX</td>
<td>GCC for Renesas RX</td>
</tr>
</tbody>
</table>

For details, refer to the application note.

RX Family RX Driver Package Ver.1.27

5. Using the Product

The RX Driver Package can help you create an application program easily by using it in combination with “Smart Configurator” (Note).

For details about how to use the product, refer to the applicable documents listed in Table 2.

Note: Supported in e² studio, CS+, and IAREW.

Table 2. Product Usage Documents

<table>
<thead>
<tr>
<th>Tool</th>
<th>Document</th>
</tr>
</thead>
<tbody>
<tr>
<td>e² studio</td>
<td>RX Smart Configurator User's Guide: e² studio</td>
</tr>
<tr>
<td>Smart Configurator</td>
<td>(R20AN0451 (Note))</td>
</tr>
<tr>
<td>CS+</td>
<td>RX Smart Configurator User's Guide: CS+</td>
</tr>
<tr>
<td>Smart Configurator</td>
<td>(R20AN0470 (Note))</td>
</tr>
<tr>
<td>IAREW</td>
<td>RX Smart Configurator User's Guide: IAREW</td>
</tr>
<tr>
<td>Smart Configurator</td>
<td>(R20AN0535 (Note))</td>
</tr>
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</table>

*Only the first 9 digits are listed.
6. Appendix

6.1 RX Driver Package Web Page

You can access the RX Driver Package product page on our website at:
https://www.renesas.com/rdp
Revision History

<table>
<thead>
<tr>
<th>Rev.</th>
<th>Date</th>
<th>Page</th>
<th>Description</th>
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<tr>
<td>1.00</td>
<td>Dec.01.20</td>
<td>-</td>
<td>First edition issued</td>
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</table>

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