
[Released on the Web]

R20TS0549EJ0100

Rev.1.00

RX Family RX Driver Package Ver.1.24

Apr. 01, 2020

Outline

The RX Family RX Driver Package Ver.1.24 is released on the web.

This product has been updated from the RX family RX Driver Package Ver.1.23. The update includes addition of supported devices and 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.1.23 to Ver.1.24

(1) Addition of supported devices

The RX13T group is now supported.

(2) Periodic update of FIT modules

The FIT modules have been updated. For the differences between RX Driver Package Ver.1.23 and Ver.1.24, refer to the following application note:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=r01an5267>

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3. FIT modules

3. Supported Devices

RX110, RX111, RX113, RX130, and RX13T groups

RX231/RX230, RX23E-A, RX23T, RX23W, RX24T, and RX24U groups

RX64M, RX65N/RX651, RX66T, RX71M, RX72M, 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Note: The FIT modules for the following devices are no longer being updated.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/search/keyword-search.html#genre=document&q=r20ts0437>

4. Operating Environment

The main operating environment is as follows.

Table 1 Operating Environment

IDE ^(Note)	<ul style="list-style-type: none"> e² studio V7.7.0 IAR Embedded Workbench for Renesas RX 4.12.01
Cross tool	<ul style="list-style-type: none"> C/C++ Compiler Package for RX Family V3.01.00 GCC for Renesas RX 8.3.0.201904 IAR C/C++ Compiler for Renesas RX version 4.12.01

Note: Operations have not been tested in CS+.

Refer to the application note for more information.

<https://www.renesas.com/search/keyword-search.html#genre=document&q=r01an5267>

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1.2 Operating Environment

5. Using the Product

The RX Driver Package can help you create an application program easily by using it in combination with “Smart Configurator” ^(Note1) or “FIT Configurator” ^(Note2).

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

Note1: Supported in e² studio, CS+, and IAREW.

Note2: Only devices which are not supported by Smart Configurator are supported in e² studio.

Table 2. Product Usage Documents

Tool	Document
e ² studio Smart Configurator	RX Smart Configurator User’s Guide: e ² studio (R20AN0451 ^(Note))
CS+ Smart Configurator	RX Smart Configurator User’s Guide: CS+ (R20AN0470 ^(Note))
IAREW Smart Configurator	RX Smart Configurator User’s Guide: IAREW (R20AN0535 ^(Note))
e ² studio FIT Configurator	RX Family Adding Firmware Integration Technology Modules to Projects (R01AN1723 ^(Note))

*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

Rev.	Date	Description	
		Page	Summary
1.00	Apr.01.20	-	First edition issued

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