

[Released on the Web]

R20TS0697EJ0100

Rev.1.00

RX Family RX Driver Package Ver.1.29

Apr. 16, 2021

Outline

The RX Family RX Driver Package Ver.1.29 is released on the web.

This product has been updated from the RX family RX Driver Package Ver.1.28. 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.1.27 to Ver.1.29

(1) Update of FIT modules

The FIT modules have been updated. For the differences between RX Driver Package Ver.1.27 and Ver.1.29, refer to the following application note:

<https://www.renesas.com/document/apn/rx-family-rx-driver-package-ver129>

RX Family RX Driver Package Ver.1.29

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Note: The FIT modules for the following devices are no longer being updated.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

IDE	•e² studio •CS+ •IAR Embedded Workbench for Renesas RX
Cross tool	•C/C++ Compiler Package for RX Family •IAR C/C++ Compiler for Renesas RX •GCC for Renesas RX

For details, refer to the application note.

<https://www.renesas.com/document/apn/rx-family-rx-driver-package-ver129>

RX Family RX Driver Package Ver.1.29

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

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))

*Only the first 9 digits are listed.

6. Cancellation of Web publication of RX Family RX Driver Package Ver.1.28

RX Driver Package Ver.1.28 was released on the Web from March 31, 2021 to April 1, 2021. However, its web publication was canceled due to a bug found.

6.1 Applicable Products

(1) RX Driver Package

The applicable revision numbers and document numbers are as follows.

Table 1.1 Applicable products

RX Driver Package product name	Document number
RX Family RX Driver Package Ver.1.28	R01AN5761XX0128

6.2 Details and Conditions

When downloading RX Driver Package Ver.1.28 using the smart configurator, the FIT module is not expanded in the specified folder.

6.3 Schedule for Fixing the Problem

Please download and use RX Driver Package Ver.1.29. The FIT modules included in RX Driver Package Ver.1.29 are the same as those in RX Driver Package Ver.1.28.

7. Appendix

7.1 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.16.21	-	First edition issued

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