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[Released on the Web]

R20TS0521EJ0100

Rev.1.00

RX Family RX Driver Package Ver.1.23

Dec. 16, 2019

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## Overview

The RX Family RX Driver Package Ver.1.23 is released on the web.

This product is updated from the RX family RX Driver Package Ver.1.22. The update includes addition of supported devices and updated modules within the package.

This product is available free of charge.

## 1. Product Features

### About 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 URL below.

<https://www.renesas.com/rdp>

## 2. Major Changes from RX Family RX Driver Package Ver.1.22 to Ver.1.23

### (1) Addition of supported devices

The RX23E-A group is now supported.

### (2) FIT modules periodic updates

The FIT modules have been updated.

For the update information from Ver.1.22 to Ver.1.23 of the RX Driver Package, refer to the application note.

<https://www.renesas.com/search/keyword-search.html#genre=document&q=r01an4976>

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### 3. FIT Modules

## 3. Supported Devices

RX110, RX111, RX113, and RX130 groups

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

RX64M, RX65N/RX651, RX66T, RX71M, RX72M, and RX72T groups

#### 4. Operating Environment

The main operating environment is as follows.

Table1 Operating Environment

IDE <sup>(Note)</sup>	<ul style="list-style-type: none"> <li>· e<sup>2</sup> studio V7.6.0</li> <li>· IAR Embedded Workbench for Renesas RX 4.12.01</li> </ul>
Cross tool	<ul style="list-style-type: none"> <li>· C/C++ Compiler Package for RX Family V3.01.00</li> <li>· GCC for Renesas RX 4.08.04.201902</li> <li>· IAR C/C++ Compiler for Renesas RX version 4.12.01</li> </ul>

Note: Operating environment is not tested in CS+.

For details, refer to the application note.

<https://www.renesas.com/search/keyword-search.html#genre=document&q=r01an4976>

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##### 1.2 Operating Environment

#### 5. Using the Product

RX Driver Package can help you create an application program easily by using it in combination with Smart Configurator <sup>(Note1)</sup> or FIT Configurator <sup>(Note2)</sup>.

For details about using the product, refer to the documents for each tool listed in Table 2.

Note1: Supported in e<sup>2</sup> studio, CS+, and IAREW.

Note2: Only devices which are not supported by Smart Configurator are supported in e<sup>2</sup> studio.

Table 2. Product Usage Document

Tool	Document
e <sup>2</sup> studio Smart Configurator	RX Smart Configurator User's Guide: e <sup>2</sup> studio (R20AN0451*)
CS+ Smart Configurator	RX Smart Configurator User's Guide: CS+ (R20AN0470*)
IAREW Smart Configurator	RX Smart Configurator User's Guide: IAREW (R20AN0535*)
e <sup>2</sup> studio FIT Configurator	RX Family Adding Firmware Integration Technology Modules to Projects (R01AN1723*)

\*Only the first 9 digits are listed.

### 6. Appendix

#### 6.1 RX Driver Package Web Page

The Renesas official website has a dedicated product page for the RX Driver Package.

Please visit the URL below.

<https://www.renesas.com/rdp>

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Dec.16.19	-	First edition issued

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