

[Released on the Web]

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Rev.1.00

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Renesas Flash Sample Program Type 01 for RL78/G15 Group Application Notes Ver.1.00

Outline

Renesas Flash Sample Program Type 01 V1.00, and Renesas Flash Sample Program Type01 Smart Configurator Version V1.00 for RL78/G15 Group has been released on the web.

This product is available free of charge.

1. Product Features

- Renesas Flash Sample Program Type 01 (hereinafter called RFSP Type 01) is software for reprogramming the flash memory in the RL78/G15 Group. The API functions of RFSP Type 01 are called from the user program, and reprogram the code flash memory, or data flash memory.
- Renesas Sample Program Type 01 Smart Configurator Version (hereinafter called "RFSP Type 01 SC Version") for RL78/G15 Group, it is the SC Version of the RFSP Type 01. The application note of the RFSP Type 01 SC Version is divided in each area reprogrammed. Be sure to download, and use application reprograms, and "Flash Common" containing common API.

<Example> The case where the code flash memory area is reprogrammed.

It is necessary to download both the RFSP Type 01 SC Version (Code Flash), and RFSP Type 01 SC Version (Flash Common).

2. Supported Devices

RL78/G15 Group

3. Operating Environment

The operating environment is as follows.

Table 1 Operating Environment for the RFSP Type 01, and RFSP Type 01 SC Version

Package	Manufacturer	Version
CC-RL(CS+, e ² studio)	Renesas Electronics	V1.10 or later
IAR Embedded Workbench	IAR Systems	V4.21 or later

4. Application Notes

The Application Notes for the RFSP Type 01 is posted on the “Code Flash Libraries (Flash Self Programming Libraries)”, or “Data Flash Libraries” web pages.

The Application Notes of the RFSP Type 01 SC Version is enclosed to each area for reprogramming of the RFSP Type 01 SC Version package. To use only the Application Notes, download them from “Documentation” in the URL below.

https://www.renesas.com/flash_libraries/self_prg

https://www.renesas.com/flash_libraries/data_flash

- Renesas Flash Sample Program Type 01 Application Notes for RL78/G15 Group [R20AN0652]
- RL78/G15 Group Renesas Flash Sample Program Type 01 SC Version (Code Flash) Application Notes Rev.1.00 [R20AN0675]
- RL78/G15 Group Renesas Flash Sample Program Type 01 SC Version (Data Flash) Application Notes Rev.1.00 [R20AN0676]
- RL78/G15 Group Renesas Flash Sample Program Type 01 SC Version (Flash Common) Application Notes Rev.1.00 [R20AN0677]

For detailed specifications of “RFSP Type 01”, see the RFSP Type 01 Application Notes.

5. Obtaining the Product

It is possible to choose and download “RL78/G15” by smart configurator. Alternatively, each package (zip file) can be download from the URL of the “Code Flash Libraries (Flash Self Programming Libraries)”, or “Data Flash Libraries” below.

Please unzip the downloaded package (zip file) before using.

https://www.renesas.com/flash_libraries/self_prg

https://www.renesas.com/flash_libraries/data_flash

- Renesas Flash Sample Program Type 01 for RL78/G15 Group
Zip file name: RENESAS_RFSP_Type01_V1.00.zip
- RL78/G15 Group Renesas Flash Sample Program Type 01 SC Version(Code Flash) Rev.1.00
The name of SC display: Flash Sample Program[Renesas Flash Sample Program Type01 Code Flash]
Zip file name: r20an0675xx0100-RL78-code_flash
- RL78/G15 Group Renesas Flash Sample Program Type 01 SC Version(Data Flash) Rev.1.00
The name of SC display: Flash Sample Program[Renesas Flash Sample Program Type01 Data Flash]
Zip file name: r20an0676xx0100-RL78-data_flash.zip
- RL78/G15 Group Renesas Flash Sample Program Type 01 SC Version(Flash Common) Rev.1.00
The name of SC display: Flash Sample Program[Renesas Flash Sample Program Type01 Flash Common]
Zip file name: r20an0677xx0100-RL78-flash_common.zip

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Jan.16.23	-	First edition issued

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