[Released on the Web]

Renesas Flash Driver RL78 Type 01 for RL78/G23

SC Version Application Notes Ver.1.00

Outline

Renesas Flash Driver RL78 Type 01 for RL78/G23 Smart Configurator version V1.00 has been released on the web.

This product is available free of charge.

1. Product Features

Renesas Flash Driver RL78 Type 01(hereinafter called "RFD RL78 Type 01") Smart Configurator Version (hereinafter called "SC version") for RL78/G23, it is the SC Version of already released RFD RL78 Type 01 for RL78/G23.

RFD RL78 Type 01 SC version is the software for reprogramming the flash memory in the RL78/G23. The API functions of RFD RL78 Type 01 are called from the user program, and reprogram the code flash memory, the data flash memory, or the extra area. The application note of the RFD RL78 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 programed.

It is necessary to download both the RFD RL78 Type 01 SC version (Code Flash) and the RFD RL78 Type 01 SC version (Flash Common).

2. Supported Devices

RL78/G23

RFD RL78 Type 01 SC version cannot be used in RL78 Family devices other than RL78/G23.

3. Operating Environment

The operating environment is as follows.

Table 1 Operating Environment for RFD RL78 Type 01 SC version

Package	Manufacturer	Version
CC-RL (for CS+ or e2studio)	Renesas Electronics	V1.10 or later
IAR Embedded Workbench	IAR Systems	V4.21 or later

4. Application Notes

Application notes for RFD RL78 Type 01 SC version is posted on the Code Flash Libraries and Data Flash Libraries web pages. (Scheduled to be released on January 20.)

The application note of the RFD RL78 Type 01 SC version is enclosed to each area for programming of the RFD RL78 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

- RL78 Family Renesas Flash Driver RL78 Type 01 SC version (Code Flash) [R20AN0653]
- RL78 Family Renesas Flash Driver RL78 Type 01 SC version (Data Flash) [R20AN0654]
- RL78 Family Renesas Flash Driver RL78 Type 01 SC version (Extra Area) [R20AN0655]

For the detail specification of RFD RL78 Type 01, download the user's manual of RFD RL78 Type 01.

・Renesas Flash Driver RL78 Type 01 User's Manual [R20UT4830]

5. Obtaining the Product

It is possible to choose and download RL78/G23 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. (Scheduled to be released on January 20.)

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

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

- RL78 Family Renesas Flash Driver RL78 Type 01 SC version (Code Flash) V1.00

    The name of SC display: Flash Driver[Renesas Flash Driver RL78 Type01 Code Flash]

    Zip file name: r20an0653xx0100-RL78-code_flash.zip
- RL78 Family Renesas Flash Driver RL78 Type 01 SC version (Data Flash) V1.00

    The name of SC display: Flash Driver[Renesas Flash Driver RL78 Type01 Data Flash]

    Zip file name: r20an0654xx0100-RL78-data_flash.zip
- RL78 Family Renesas Flash Driver RL78 Type 01 SC version (Extra Area) V1.00

    The name of SC display: Flash Driver[Renesas Flash Driver RL78 Type01 Extra Area]

    Zip file name: r20an0655xx0100-RL78-extra_area.zip
- RL78 Family Renesas Flash Driver RL78 Type 01 SC version (Flash Common) V1.00

    The name of SC display: Flash Driver[Renesas Flash Driver RL78 Type01 Flash Common]

    Zip file name: r20an0656xx0100-RL78-flash_common.zip

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Jan.16.22	-	First edition issued

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Contact information

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www.renesas.com/contact/

TS Colophon 4.3