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Rev.1.00

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Renesas Flash Driver RL78 Type 03

for RL78/F25 SC version Application Notes V1.10

Outline

Renesas Flash Driver RL78 Type 03 for RL78/F25 Smart Configurator Version V1.10 has been released on the web.

This product is available free of charge.

1. Product Features

Renesas Flash Driver RL78 Type 03 (hereinafter called “RFD RL78 Type 03”) Smart Configurator Version (hereinafter called “SC Version”) for RL78/F25, it is the Smart Configurator Version of already released RFD RL78 Type 03.

RFD RL78 Type 03 SC Version is the software for reprogramming the flash memory in RL78/F25. The API functions of RFD RL78 Type 03 are called from user program and reprogram the code flash memory, data flash memory or extra area. The application note of RFD RL78 Type 03 SC Version is divided in each area reprogrammed.

2. Supported Devices

RL78/F25

RFD RL78 Type 03 SC Version cannot be used in RL78 Family devices other than RL78/F25.

3. Operating Environment

The operating environment is as follows.

Table 1 Operating Environment for the RFD RL78 Type 03 SC Version

Compiler (IDE)	Manufacturer	Version
CC-RL (for CS+, or e ² studio)	Renesas Electronics	V1.15 or later
IAR Embedded Workbench	IAR Systems	V5.10.3 or later

Note. Integrated development environment (IDE) and compiler must support the target device.

4. Application Notes

The Application Note (pdf file) of RFD RL78 Type 03 SC Version is enclosed to each area for reprogramming of RFD RL78 Type 03 SC Version package. To use only the Application Note, download them from "Documentation" in the URL below.

https://www.renesas.com/flash_libraries/self_prg (Code Flash Libraries)

https://www.renesas.com/flash_libraries/data_flash (Data Flash Libraries)

- RL78 Family Renesas Flash Driver RL78 Type 03 SC version (Code Flash) Application Note Rev.1.10 [R20AN0753]
- RL78 Family Renesas Flash Driver RL78 Type 03 SC version (Data Flash) Application Note Rev.1.10 [R20AN0754]
- RL78 Family Renesas Flash Driver RL78 Type 03 SC version (Extra Area) Application Note Rev.1.10 [R20AN0755]
- RL78 Family Renesas Flash Driver RL78 Type 03 SC version (Common) Application Note Rev.1.10 [R20AN0756]

For the detail specification of "RFD RL78 Type 03", download and confirm RFD RL78 Type 03 User's Manual.

- RL78 Family Renesas Flash Driver RL78 Type 03 User's Manual [R20UT5454]

5. Obtaining the Product

It is possible to choose and download "RL78/F25" by smart configurator. Alternatively, each package (zip file) can be download from "Design & Development" section of Code Flash Libraries (Flash Self Programming Libraries) and Data Flash Libraries below.

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 RFD RL78 Type 03 SC Version (Code Flash) and RFD RL78 Type 03 SC Version (Flash Common).

https://www.renesas.com/flash_libraries/self_prg (Code Flash Libraries)

https://www.renesas.com/flash_libraries/data_flash (Data Flash Libraries)

- RL78 Family Renesas Flash Driver RL78 Type 03 SC version (Code Flash) Application Note Rev.1.10
The name of SC display: Flash Driver[Renesas Flash Driver RL78 Type03 Code Flash]
Zip file name: r20an0753xx0110-RL78-code_flash.zip
- RL78 Family Renesas Flash Driver RL78 Type 03 SC version (Data Flash) Application Note Rev.1.10
The name of SC display: Flash Driver[Renesas Flash Driver RL78 Type03 Data Flash]
Zip file name: r20an0754xx0110-RL78-data_flash.zip
- RL78 Family Renesas Flash Driver RL78 Type 03 SC version (Extra Area) Application Note Rev.1.10
The name of SC display: Flash Driver[Renesas Flash Driver RL78 Type03 Extra Area]
Zip file name: r20an0755xx0110-RL78-extra_area.zip
- RL78 Family Renesas Flash Driver RL78 Type 03 SC version (Common) Application Note Rev.1.10
The name of SC display: Flash Driver[Renesas Flash Driver RL78 Type03 Flash Common]
Zip file name: r20an0756xx0110-RL78-flash_common.zip

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Sep.24.25	-	First edition issued

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