

[Released on the Web]

R20TS1172EJ0100

Rev.1.00

Sep. 24, 2025

Renesas Flash Driver RL78 Type 03 V1.00 and

EEPROM Emulation Software RL78 Type 03 V1.00 for RL78/F25

Outline

Renesas Flash Driver RL78 Type 03 and EEPROM Emulation Software RL78 Type 03 for RL78/F25 has been released on the web.

These products are available free of charge.

1. Product Features

- Renesas Flash Driver RL78 Type 03 (hereafter called RFD RL78 Type 03) is software for reprogramming the flash memory in RL78/F25. The API functions of RFD RL78 Type 03 are called from the user program to reprogram the code flash memory or data flash memory.
- EEPROM Emulation Software RL78 Type 03 (hereafter called EES RL78 Type 03) is software allowing user programs to use the data flash memory of RL78/F25 for emulating EEPROM.

2. Supported Devices

RL78/F25

RFD RL78 Type 03 and EES RL78 Type 03 cannot be used in RL78 Family devices other than RL78/F25.

3. Operating Environment

The operating environment is as shown in Table 1.

Table 1 Operating Environment for the RFD RL78 Type 03 and EES RL78 Type 03

| 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. User's Manual

The User's Manual is not included in the installer package. Therefore, please download and use it from "Documentation" section of the Code Flash Libraries page or the Data Flash Libraries page.

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

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

- RL78 Family Renesas Flash Driver RL78 Type 03 User's Manual (R20UT5454)
- RL78 Family EEPROM Emulation Software RL78 Type 03 User's Manual (R20UT5477)

Note. EES RL78 Type 03 is posted on the Data Flash Libraries page.

5. Obtaining the Product

Please download the installer package (zip file) from "Design & Development" section of Code Flash Library page or Data Flash Library page.

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

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

- RL78 Family Renesas Flash Driver RL78 Type 03 Package V1.00
Package name: RENESAS_RFD_RL78_Type03_V1.00.zip
- RL78 Family EEPROM Emulation Software RL78 Type 03 Package V1.00
Package name: RENESAS_EES_RL78_Type03_V1.00.zip

Note. EES RL78 Type 03 is posted on the Data Flash Libraries page.

6. Install

Follow the steps below to install.

(1) Decompress the downloaded package (zip file) and start the installer.

- Installer name: RENESAS_RFD_RL78_Type03_V1.00.exe

- Installer name: RENESAS_EES_RL78_Type03_V1.00.exe

(2) Select a target region from the pull-down menu and click the OK button.

(3) Follow the instructions of the installer hereafter.

Revision History

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

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