

[Released on the Web]

R20TS1155EJ0100

Rev.1.00

Sep. 05, 2025

## EEPROM Emulation Software RL78 Type 11 V1.00 for RL78/L23

### Outline

EEPROM Emulation Software RL78 Type 11 V1.00 for RL78/L23 has been released on the web.

These products are available free of charge.

### 1. Product Features

EEPROM Emulation Software RL78 Type 11 (hereafter called EES RL78 Type 11) is software allowing user programs to use the data flash memory of RL78/L23 for emulating EEPROM.

### 2. Supported Devices

RL78/L23

EES RL78 Type 11 cannot be used in RL78 Family devices other than RL78/L23.

### 3. Operating Environment

EES RL78 Type 11 distribute the source code which can be used with the compilers of Renesas Electronics, IAR Systems company, and LLVM.

Supported compilers are:

- CC-RL compiler version: V1.15.00 or later
- IAR compiler version: V5.10.3 or later
- LLVM compiler version: V17.0.1.202412 or later

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

### 4. User's Manual

EES RL78 Type 11 User's Manual is posted on the Data Flash Libraries web page.

EES RL78 Type 11 User's Manual is not included in the EES RL78 Type 11 package. To use the User's Manual, download it from "Documentation" in the URL below.

[https://www.renesas.com/flash\\_libraries/data\\_flash](https://www.renesas.com/flash_libraries/data_flash) (Data Flash Libraries)

- EEPROM Emulation Software RL78 Type 11 User's Manual for RL78/L23 (R20UT5580)

### 5. Obtaining the Product

Download the package (zip file) from the following URL.

[https://www.renesas.com/flash\\_libraries/data\\_flash](https://www.renesas.com/flash_libraries/data_flash) (Data Flash Libraries)

- EEPROM Emulation Software RL78 Type 11 Package V1.00 for RL78/L23

Package file name: RENESAS\_EES\_RL78\_Type11\_V1.00.zip

### 6. Install

Follow the steps below to install.

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

- Installer file name: RENESAS\_EES\_RL78\_Type11\_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.05.25	-	First edition issued

Renesas Electronics has used reasonable care in preparing the information included in this document, but Renesas Electronics does not warrant that such information is error free. Renesas Electronics assumes no liability whatsoever for any damages incurred by you resulting from errors in or omissions from the information included herein.

The past news contents have been based on information at the time of publication. Now changed or invalid information may be included.

The URLs in the Tool News also may be subject to change or become invalid without prior notice.

Corporate Headquarters

TOYOSU FORESIA, 3-2-24 Toyosu,  
Koto-ku, Tokyo 135-0061, Japan  
[www.renesas.com](http://www.renesas.com)

Trademarks

Renesas and the Renesas logo are trademarks of Renesas Electronics Corporation. All trademarks and registered trademarks are the property of their respective owners.

Contact information

For further information on a product, technology, the most up-to-date version of a document, or your nearest sales office, please visit:  
[www.renesas.com/contact/](http://www.renesas.com/contact/)