

[Upgrade to Revision]  
 Renesas Flash Programmer V3.23.00

R20TS1235EJ0100  
 Rev.1.00  
 Apr. 20, 2026

Outline

Renesas Flash Programmer, a software tool for programming flash memory, has been updated from V3.22.00 to V3.23.00. For an overview of the product, refer to the link below.

<https://www.renesas.com/rfp>

1. Description

The main changes are as follows. Refer to the release note for details.

(This note is applicable as of April 20.)

<https://www.renesas.com/software-tool/renesas-flash-programmer-programming-gui#document>

- RA Family

Product	Part number
RA8D2	R7JA8D2JR, R7JA8D2JS, R7JA8D2KR, R7JA8D2KS
RA8M2	R7JA8M2JR, R7JA8M2JS
RA8P1	R7JA8P1JR, R7JA8P1JS, R7JA8P1KR, R7JA8P1KS
RA8T2	R7JA8T2JR, R7JA8T2JS, R7JA8T2LR, R7JA8T2LS

- Power management

Product	Part number
Battery Fuel Gauge ICs	RAJ240091

1.1 Improved Functionality and Changes

- Support for external flash memory on DA148xx devices

Applies to: MX25UM51245G\*1, PY25Q64LB

The Renesas Flash Programmer supports the erasure and programming of external memory listed above.

Notes:1. This external flash memory is not supported for UART connections.

- Support for USB Direct connection for RX devices on Linux and macOS

USB Direct connection for RX devices is supported on both Linux and macOS.

- Support for UART connections through serial ports on macOS 15

UART connections through serial ports are supported on macOS 15. Note, however, that UART (serial port) communication on macOS may be unavailable or limited depending on the OS version.

- End of support for macOS 14

macOS 14 has been removed from the set of supported operating systems.

- Support for macOS 26

macOS 26 was added as a supported OS.

- Support for J-Link nickname connection

Connection using J-Link nicknames is supported. Nicknames must include at least one non-numeric character. For details, refer to the SEGGER J-Link user's manual.

- Support for OTP programming on DA14531-00 and the RA6W2 Bluetooth LE subsystem

Programming of the OTP areas in DA14531-00 devices and the RA6W2 Bluetooth LE subsystem is supported. When programming the OTP of the Bluetooth LE subsystem through RA6W2 via UART, select "UART Bridge" as the interface. In this mode, memory operations other than OTP programming of the Bluetooth LE subsystem are not available.

- RA device information during connection via the SWD interface

Applies to: RA2L2, RA4E1, RA4M2, RA4M3, RA6E1, RA6M4, RA6M5, and RA6T2

The device name and unique ID have been added to the device information output during connection via the SWD interface.

- Improvement to UART communication speed settings

Applies to: DA148xx, RA6W1, and RA6W2

An issue in Renesas Flash Programmer V3.22.00, where UART communication via serial ports always operated at a fixed rate of 115200 bps has been corrected.

- Extension of the [Skip ID Code Verify] option for RH850 Gen1 devices

Applies to: RH850 Gen1 (excluding RH850/P1x-C)

For the target devices above, the [Skip ID Code Verify] option on the [Operation Settings] tab is always available.

## 2. Updating the Product

Download and install the latest Renesas Flash Programmer from the link below.

(V3.23.00 is available as of April 20.)

<https://www.renesas.com/software-tool/renesas-flash-programmer-programming-gui#download>

## 3. Purchasing the Product

Contact your local Renesas Electronics sales office or distributor and inform them of which product you wish to purchase.

For product pricing, contact the sales office or distributor.

For product names and part numbers, refer to the link below.

<https://www.renesas.com/software-tool/renesas-flash-programmer-programming-gui#tab-release-information>

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Apr.20.26	-	First edition issued

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