

[Notes]

R20TS1246EJ0101

Rev.1.01

Aug. 05, 2026

Renesas Flash Programmer and Flash Development Toolkit

Notice Regarding Changes to Windows Driver Policy

Outline

This notice provides important information regarding the use of USB boot mode programming functions in Renesas Flash Programmer and Flash Development Toolkit, as outlined below.

1. Devices Not Affected by the Windows Driver Policy Change in Renesas Flash Programmer
2. Devices Affected by the Windows Driver Policy Change in Renesas Flash Programmer
3. Devices Affected by the Windows Driver Policy Change in Flash Development Toolkit

For similar precautions when using emulator products instead of USB boot mode, please refer to the Tool News below:

[\[Notes: Renesas Emulator and Flash Memory Programmer Products with a USB Interface\]](#)

1. Devices Not Affected by the Windows Driver Policy Change in Renesas Flash Programmer

1.1 Applicable Products

Renesas Flash Programmer

1.2 Applicable Devices

Devices supporting USB boot (USB virtual COM):

- RX Family (RX65x, RX66x, RX67x, RX72x)
- RA Family
- RE Family
- Renesas Synergy™ Microcontrollers

1.3 Details

For the applicable product, USB boot mode programming for the above devices is not affected by the Windows driver policy change. These devices can continue to be used without any modification.

2. Devices Affected by the Windows Driver Policy Change in Renesas Flash Programmer

2.1 Applicable Products

Renesas Flash Programmer

2.2 Applicable Devices

Devices supporting USB boot (USB Direct):

- RX Family (RX71x, RX64x, RX63x, RX62x, RX61x, RX200, RX100)

2.3 Details

Due to the Windows driver policy change introduced in April 2026, the USB driver required for USB boot mode programming may fail to load properly on the host PC, preventing execution of programming using USB boot mode.

When this issue occurs, opening the properties of the applicable product in Device Manager will display the device status as Code 39, along with the message: "This file has been blocked by your application control policy."

2.4 Conditions

This issue occurs when all of the following conditions are met, and the conditions defined by the Windows Driver Policy are met:

- Using the USB driver included in Renesas Flash Programmer V3.21.00 or earlier (USB Driver for USB Boot MCU TypeA V1.1.9.0 or earlier)
- On host PCs running one of the following Windows versions with the cumulative update for Windows 11 (KB5083769) or any later update applied
 - Windows 11 24H2
 - Windows 11 25H2
 - Windows 11 26H1 or later (the applicable update is included by default)

For details, please refer to "[The Windows Driver Policy](#)" on Microsoft Support.

2.5 Countermeasure

Use Renesas Flash Programmer V3.22.00 or later.

When installing, select USB Driver for USB Boot MCU TypeA V2.00.00 or later.

2.5.1 Notes

Installing USB Driver for USB Boot MCU TypeA (V2.00.00 or later) will disable USB boot functionality when using Renesas Flash Programmer V3.20.00 or earlier and Flash Development Toolkit.

3. Devices Affected by the Windows Driver Policy Change in Flash Development Toolkit

3.1 Applicable Products

Flash Development Toolkit

3.2 Applicable Devices

Devices supporting USB boot:

- RX Family
- SuperH RISC engine Family
- H8S Family
- H8SX Family

3.3 Details

Due to the Windows driver policy change introduced in April 2026, the USB driver required for USB boot mode programming may fail to load properly on the host PC, preventing execution of programming using USB boot mode.

When this issue occurs, opening the properties of the applicable product in Device Manager will display the device status as Code 39, along with the message: "This file has been blocked by your application control policy."

3.4 Conditions

This issue occurs on host PCs running the following OS versions when the cumulative update for Windows 11 (KB5083769) or any subsequent cumulative update has been applied, and the conditions defined by the Windows Driver Policy are met.

- Windows 11 24H2
- Windows 11 25H2
- Windows 11 26H1 or later (the applicable update is included by default)

For details, please refer to "[The Windows Driver Policy](#)" on Microsoft Support.

3.5 Workarounds

Please consider applying one of the following workarounds for this issue.

3.5.1 Migrate to Renesas Flash Programmer

For the RX family, please consider migrating to Renesas Flash Programmer.

3.5.2 Disable the Windows Driver Policy

Refer to "[The Windows Driver Policy | Microsoft Support](#)" and follow the procedure described.

Notes

Disabling the Windows Driver Policy removes the driver-loading restrictions imposed by this policy.

As this configuration change may increase security risks, make this change at your own risk.

The content and procedures on the Microsoft Support page are subject to change in the future.

3.5.3 Use an OS version not subject to the Windows Driver Policy

Use the product in an environment running Windows 11 23H2 or earlier.

3.6 Fixing the Problem

To minimise the impact on our customers, we have conducted technical investigations and evaluated potential countermeasures for each affected product.

However, for the products covered in this section, we have concluded that it would be difficult to implement and fully validate the USB driver and related software modifications required to comply with the Windows Driver Policy while ensuring the required level of quality.

Therefore, we regret to inform you that we have no plans to provide a permanent solution for these products. We apologise for any inconvenience this may cause and kindly ask that you consider the workaround described in this section.

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Jun.20.26	-	First edition issued
1.01	Aug.05.26	4	Section 3.5 Workarounds was changed
			Section 3.6 Fixing the Problem was changed

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