



RS8631CW Release Notes

V1.00 - June 26, 2025

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1. Overview

This release notes describe the supported operating systems, new features, resolved issues, known issues, and trouble shooting with the RS8631CW Release Notes.

The information contained in this document is intended as supplemental information only; it should be used in conjunction with the documentation provided for each component.

1.1. Basic Information

The following table describes the basic information of the the Released Notes.

Table 1-1: Basic Information of the Firmware Released Notes

Released Component	R1634C_Signed_v5.12.73.0_2025_06_25.zip
Released Contents	● First release of RS8631CW.
Released Version	Firmware Version: v5.12.73.0
Released Date	06/25/2025

Table 1-2: Basic Information of the MCU Released Notes

Released Component	Leon-2_M487_V1052_25_05_06.zip
Released Contents	● First release of RS8631CW.
Released Version	MCU Version: v1.0.52
Released Date	05/06/2025

Table 1-3: Basic Information of the MPT Utility Released Notes

Released Component	HighPoint_MPT_Utility_v1.0.41_2025_04_14.zip
Released Contents	● First release of RS8631CW.
Released Version	MPT Utility Version: v1.0.41
Released Date	04/22/2025
Supported Operating Systems	● Windows 11 ● Windows 10 ● Windows Server 2025 ● Windows Server 2022 ● RHEL 8/9 ● Debian 12 and later ● Ubuntu 22.04 and later ● Fedora 40 and later ● Rocky Linux 8/9

1.2. Package Contents

Table 1-4: Package Contents of the Firmware

Released Component	Description
R1634C_Signed_v5.12.73.0_2025_06_25.blf	Firmware file.
Readme.txt	This file is divided into the following major sections: 1. Software Version 2. Files List 3. Supported product 4. Revision History

Table 1-5: Package Contents of the MCU

Released Component	Description
dataflash_Leon2.bin	MCU dataflash file.
Leon-2_M487_V1052_25_05_06.icp	MCU icp file.
Leon2_MCU_upgrade_V1052_25_05_06.blf	MCU blf file
Readme.txt	This file is divided into the following major sections: 1. Revision History

Table 1-6: Package Contents of the MPT Utility

Released Component	Description
mptutil.exe	Utility for Windows.
mptutil.x86_64	Utility for Linux x86_64
mptutil.aarch64	Utility for Linux aarch64
Readme.txt	This file is divided into the following major sections: 1. Software version 2. Supported operating system 3. Files listing 4. Running the utility in the interaction mode 5. Running the utility in the batch mode 6. Supported commands and descriptions 7. Revision history

2. New Features

2.1. Firmware 5.12.73.0 Release

The following table lists the new features introduced with the Firmware v5.12.73.0.

Date	Release Version	New Feature
06/25/2025	v5.12.73.0	● First release of RS8631CW.

2.2. MCU v1.0.52 Release

The following table lists the new features introduced with the MCU v1.0.52.

Date	Release Version	New Feature
05/06/2025	v1.0.52	● First release of RS8631CW.

2.3. MPT Utility v1.0.41 Release

The following table lists the new features introduced with the MPT Utility v1.0.41

Date	Release Version	New Feature
04/22/2025	V1.0.41	● First release of RS8631CW.

3. Update the Firmware

The following sections describe how to update the firmware in the MPT utility.

3.1. Update the Firmware in the MPT Utility

This command allows you to select the blf file to update the firmware version. The process may take some time.

>dl {file.blf} [force]

Input example:

```
>dl C:\Users\test\Desktop\R1634C_Signed_v5.12.73.0_2025_06_25.blf
```

3.2. Update the MCU in the MPT Utility

This command allows you to select the blf file to update the MCU firmware version. The process may take some time.

>dl {file.blf} [force]

Input example:

```
>dl C:\Users\test\Desktop\RS8631C_mcu_v1.0.52.blf
```

3.3. Update the Retimer in the MPT Utility

This command allows you to select the blf file to update the retimer firmware version. The process may take some time.

>dl {file.blf} [force]

Input example:

```
>dl C:\Users\test\Desktop\RS8631C_retimer_g5_v2.12.0.blf
```

4. Revision History

4.1. Version 1.00, June 26, 2025

1. Initial version.
2. Firmware v5.12.73.0 Released.
3. MCU v1.0.52 Released.
4. MPT Utility v1.0.41 Released.