



RS8631D Release Notes

V1.00 - November 27, 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 RS8631D 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 MCU Released Notes

Released Component	Leon-2_M487_V1052_25_05_06.zip
Released Contents	<ul style="list-style-type: none">● First release of RS8631D.
Released Version	MCU Version: v1.0.52
Released Date	11/27/2025

1.2. Package Contents

Table 1-2: 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

2. New Features

2.1. MCU v1.0.52 Release

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

Date	Release Version	New Feature
11/27/2025	v1.0.52	<ul style="list-style-type: none">● First release of RS8631D.

2.2. Hardware v1.00 Release

The following table lists the new features introduced with the Hardware v1.00

Date	Release Version	New Feature
11/27/2025	V1.00	<ul style="list-style-type: none">● First release of RS8631D.● PCB Version: v1.21

3. Update the Firmware

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

Note: This operation requires the use of a compatible host interface card to execute.

3.1. 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
```

3.2. 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, November 27, 2025

1. Initial version.
2. MCU v1.0.52 Released.
3. Hardware v1.00 Released.