



# RS8531AW Release Notes

**V1.00 - March 21, 2025**

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**Table of Contents**

**1. Overview .....2**

**1.1. Basic Information ..... 2**

**1.2. Package Contents .....3**

**2. New Features .....4**

**2.1. Firmware v5.12.72.0 Release ..... 4**

**2.2. MCU v1.0.4 Release .....4**

**2.3. MPT Utility v1.0.40 Release .....4**

**3. Update the Firmware .....5**

**3.1. Update the Firmware in the MPT Utility .....5**

**3.2. Update the MCU in the MPT Utility ..... 5**

**3.3. Update the Retimer in the MPT Utility ..... 5**

**4. Revision History ..... 6**

**4.1. Version 1.00, March 21, 2025 .....6**

# 1. Overview

This release notes describe the supported operating systems, new features, resolved issues, known issues, and trouble shooting with the RS8531AW 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**

<b>Released Component</b>	R1634C_Signed_v5.12.72.0_2025_02_11.fw
<b>Released Contents</b>	<ul style="list-style-type: none"><li>● First release of RS8531AW.</li></ul>
<b>Released Version</b>	v5.12.72.0
<b>Released Date</b>	03/04/2025

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

<b>Released Component</b>	Leon-1A_M487_V104_25_01_10.zip
<b>Released Contents</b>	<ul style="list-style-type: none"><li>● First Release.</li></ul>
<b>Released Version</b>	v1.0.4
<b>Released Date</b>	03/04/2025

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

<b>Released Component</b>	HighPoint_MPT_Utility_v1.0.40_2025_01_10.zip
<b>Released Contents</b>	<ul style="list-style-type: none"><li>● First release of RS8531AW.</li></ul>
<b>Released Version</b>	v1.0.40
<b>Released Date</b>	03/04/2025
<b>Supported Operating Systems</b>	<ul style="list-style-type: none"><li>● Windows 11</li><li>● Windows 10</li><li>● Windows Server 2025</li><li>● Windows Server 2022</li><li>● RHEL 8/9</li><li>● Debian 12 and later</li><li>● Ubuntu 22.04/22.04</li><li>● Fedora 40/</li><li>● Rocky Linux 8/9</li></ul>

## 1.2. Package Contents

**Table 1-4: Package Contents of the Firmware**

Released Component	Description
<b>R1634C_Signed_vx.xx.xx.x_xxxx_xx_xx.blf</b>	Firmware file.
<b>Readme.txt</b>	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
<b>dataflash_Leon2.bin</b>	MCU dataflash file.
<b>Leon-2_M487_Vxxxx_xx_xx_xx.icp</b>	MCU icp file.
<b>Leon2_MCU_upgrade_Vxxxx_xx_xx_xx.blf</b>	MCU blf file
<b>Readme.txt</b>	This file is divided into the following major sections: 1. Revision History

**Table 1-6: Package Contents of the MPT Utility**

Released Component	Description
<b>mptutil.exe</b>	Utility for Windows.
<b>mptutil.bin</b>	Utility for Linux
<b>README.txt</b>	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 v5.12.72.0 Release

The following table lists the new features introduced with the Firmware v5.12.72.0.

Date	Release Version	New Feature
03/04/2025	v5.12.72.0	● First release of RS8531AW.

### 2.2. MCU v1.0.4 Release

The following table lists the new features introduced with the MCU v1.0.4.

Date	Release Version	New Feature
03/04/2025	v1.0.4	● First release of RS8531AW.

### 2.3. MPT Utility v1.0.40 Release

The following table lists the new features introduced with the MPT Utility v1.0.40

Date	Release Version	New Feature
03/04/2025	v1.0.40	● First release of RS8531AW.

## 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_v5.12.72.0_2025_02_11.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_v1.0.51.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, March 21, 2025**

1. Initial version.
2. Firmware v5.12.72.0 Released.
3. MCU v1.0.4 Released.
4. MPT Utility v1.0.40 Released.