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# Verdin AM62P

## HW Errata

# Revision History

Document Revisions

| Date | Doc. Revision | Product Version | Changes |
|---|---|---|---|
| 17-Jul-2025 | Rev. 0.1 | V1.0 | Initial documentation<br>Section 1, Section 2, Section 3: added |

# Contents

# 1 Errata #1: HAR-12163 – Reset button sometimes turns off the module

Affected version:
**Verdin AM62P V1.0A**

Fixed in:
**not scheduled**

## 1.1 Customer Impact

The reset button may unexpectedly power off the module.

## 1.2 Description

When pressed, the reset button intermittently powers down the module instead of performing a system reset as intended.

## 1.3 Workaround

None

# 2 Errata #2: HAR-12524 – Module doesn't work at the minimum input voltage of 3.135V

Affected version:

**Verdin AM62P V1.0**

Fixed in:

**Verdin AM62P V1.1**

## 2.1 Customer Impact

The AM62P V1.0 revision does not meet the specified input voltage requirements.

## 2.2 Description

The AM62P V1.0 doesn't work if the supply voltage is below 3.225V in idle or 3.275V under stress (CPU, GPU, WiFI, ETH).

## 2.3 Workaround

The input voltage must remain within the range of 3.28 V to 5.5 V.

# 3 Errata #3: HAR-12308 – R29 is too close to the edge connector

Affected version:

**Verdin AM62P V1.0**

Fixed in:

**Verdin AM62P V1.1**

## 3.1 Customer Impact

Due to the floating signal, the SD Card could receive short duration glitches on its internal state machine clock. These short glitches could cause it to enter an unexpected or locked state. The only way to reset the SD Card would be to power cycle the SoM. In addition, the floating signal can compromise long-term reliability of a device due to excess shoot-through current.

## 3.2 Description

The pull-down resistor R29 for the SD_1_CLK signal is not assembled. Without the external pull-down, the SD Card clock input will be floating until software has completed the initialization of the MMC1 peripheral.

## 3.3 Workaround

There is no workaround. Basic SD card functionalities are available.

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