SMARC iMX8M Plus

HW Errata

Revision History

Document Revisions

Date	Doc. Revision	Product Version	Changes
09-Feb-2026	Rev. 0.1	V1.0, V1.1	Initial release

Contents

1 Errata #1: HAR-12165 – Footprint for USB_EN_OC# buffer/line driver is wrong

Affected version:

SMARC iMX8M Plus V1.0

Fixed in:

SMARC iMX8M Plus V1.1

1.1 Customer Impact

The over current feature is missing in the USB Interfaces.

1.2 Description

Because of a mistake in the footprint for USB_EN_OC# buffer/line driver, the over current feature is missing in the USB interfaces of SMARC iMX8M Plus V1.0.

1.3 Workaround

No workaround is available; the issue is fixed in the SMARC iMX8M Plus V1.1.

2 Errata #2: HAR-12084 – Missing pull-up resistors on GPIO expander pins are not in line with the SMARC requirements

Affected version:

SMARC iMX8M Plus V1.0

Fixed in:

SMARC iMX8M Plus V1.1

2.1 Customer Impact

The GPIO pins connected to SoM's GPIO expander are missing pull-up resistors.

2.2 Description

Some GPIO expander pins on the module lack the recommended pull-up resistors, potentially leaving I/Os floating and causing unpredictable behavior. Those pins are not in line with the SMARC requirements.

2.3 Workaround

These pull-up resistors were implemented in the SMARC iMX8M Plus V1.1.

3 Errata #3: HAR-12099 – GBE0_SDP wrong state during boot

Affected version:

SMARC iMX8M Plus V1.0
SMARC iMX8M Plus V1.1

Fixed in:

not scheduled

3.1 Customer Impact

The behavior for GBE0_SDP signal is not in line with the SMARC Standard.

3.2 Description

The GBE0_SDP signal remains high until U-boot configures the relevant pin muxing, around 900ms after power up. This is not in line with the behavior for this pin according to SMARC Standard.

3.3 Workaround

No workaround has been identified.

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