

Product Change Notification (PCN): 0058 Verdin iMX8M Plus Quad 4GB WB IT V1.1A to 0058 Verdin iMX8M Plus Quad 4GB WB IT V1.1B

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Updated on 12 Dec 2023 Changes: Updated “**Estimated Schedule**” to clarify LTB/LTS dates. Added Torizon OS information on “**Customer Impact**” section

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1. Affected Product Numbers

End of Life Product		Replacement Product	
Part Number	Product Name	Part Number	Product Name
00581100	0058 Verdin iMX8M Plus Quad 4GB WB IT V1.1A	00581101	0058 Verdin iMX8M Plus Quad 4GB WB IT V1.1B

2. Product Phase-in / Phase-out Schedule

End of Life Product		Replacement Product	
Part Number	Estimated Schedule	Part Number	Estimated Schedule
00581100	Due to component supply issues, we can't assure the Last Time Buy (LTB) and Last Time Ship (LTS) options. The current product version will be sold until the existing (limited) inventory is depleted.	00581101	Samples: Q1 2024

Customers are strongly encouraged to convert their designs to the Replacement Product listed above. Compatibility of the End Of Life Product with future software releases is not guaranteed. Toradex also advises customers to carefully validate the Replacement Product before their production release.

3. Change Details

Change #1: RAM

The RAM part Micron MT53E1G32D2FW-046 IT:A has been replaced with the Micron MT53E1G32D2FW-046 IT:B.

Change #2: PCB Temperature Sensor

The previously not populated PCB temperature sensor assembly option has been assembled with the Texas Instruments TMP1075DSGR part.

4. Customer Impact

Hardware

- The new RAM part Micron MT53E1G32D2FW-046 IT:B has a different geometry compared to the old RAM part Micron MT53E1G32D2FW-046 IT:A. Please check the software section below for more details.
- The PCB temperature sensor part is assembled.

Software

Torizon OS

- The Replacement Product is supported in Torizon OS 6 from the 6.2.0 Quarterly Release onwards.
- The Replacement Product is supported in Torizon OS 5 from the 5.7.4 Maintenance Release onwards.
- When using the Replacement Product with any older Torizon OS release, the product will not function properly.
- The End of Life Product remains supported in Torizon OS 5 and 6 releases.
- When using the Replacement Product in combination with a supporting Torizon OS version, the PCB temperature sensor is available for use.

Toradex Embedded Linux BSP

- The Replacement Product is supported in BSP 6 from the 6.2.0 Quarterly Release onwards.
- The Replacement Product is supported in BSP 5 from the 5.7.4 Maintenance Release onwards.
- When using the Replacement Product with any older BSP release, the product will not function properly.
- The End of Life Product remains supported in BSP 5 and 6 releases.
- When using the Replacement Product in combination with a supporting BSP version, the PCB temperature sensor is available for use.

5. Contact

- Please contact Toradex if you have any questions:
 - For commercial and sales questions, please contact shop@toradex.com or your Toradex sales representative.
 - For technical questions, please contact support@toradex.com.