

Product Change Notification (PCN): 00671100 | Apalis iMX8QM 8GB WB IT V1.1A

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1. Affected Products

End of Life Product		Replacement Product	
Part Number	Product Name	Part Number	Product Name
00671100	Apalis iMX8QM 8GB WB IT V1.1A	00671101	Apalis iMX8QM 8GB WB IT V1.1B

2. Product Phase-in / Phase-out Schedule

End of Life Product		Replacement Product	
OLD Part Number	Estimated Schedule	NEW Part Number	Estimated Schedule
00671100	LTB (Last Time Buy): 29 May 2026 LTS (Last Time Ship): 31 Dec 2026 See Note Below	00671101	Samples: Jun 2026 Production: Jun 2026

IMPORTANT NOTE: Due to RAM and NAND supply constraints, availability for EOL and replacement products is limited. To ensure supply resilience, please validate replacement parts immediately and configure your systems to accept either version. We recommend ordering samples promptly while stocks last to ensure a smooth transition. For real-time availability, visit our webshop or contact the Toradex team.

3. Description of Changes

Change #1: SoC change

- SoC part number has changed from NXP MIMX8QM6AVUFFAB to NXP MIMX8QM5AVUFFAB

Change #2: eMMC change

- eMMC part number has changed from Kingston EMMC32G-IX29 to Micron MTFC32GBCAQTC-IT

Change #3: R51 assembly state from assembled to not assembled

- Strapping of the KSZ9131 Ethernet PHY changed from “1111” (which is reserved on KSZ9131) to “1110”

Change #4: Edge Connector Chamfering

- The PCB edge connector changed from non-chamfered to chamfered

Change #5: Ethernet clock source change

- OSC4 has changed from MEMS to crystal-based type

4. Customer Impact

Hardware

- The change of the clock source of the on-SoM Ethernet PHY from a MEMS oscillator to a crystal-based device results in lower jitter and addresses the potential Ethernet compliance issue from [HAR-10131](#).
- Software support has never been added for the HiFi 4 DSP IP featured in the SoC. By changing to a different SoC part number, the hardware DSP feature is removed accordingly. There's no impact on other IPs and characteristics of the SoC.
- No other impact is expected, however, please carefully verify the new product version in your environment.

Software

Torizon OS

- No impact is expected due to the changes mentioned above.

Toradex Embedded Linux BSP

- No impact is expected due to the changes mentioned above.

Toradex Easy Installer

- No impact is expected due to the changes mentioned above.

5. Contact

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