Product Change Notification (PCN): 0049 Apalis iMX8QP 2GB V1.1B to 0049 Apalis iMX8QP 2GB V1.1C

Date of publication: Sep 14th, 2020

Updated on: May 6th, 2021 Rev. 2 Changes:

- Corrected link to Toradex developer website errata known issues section
- Changed estimated schedule to ""Samples available in late Q4, 2020""
- Removed unnecessary hyperlink

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1. Affected Product Numbers

End of Life Product		Replacement Product	
Part Number	**Product Name**	**Part Number**	**Product Name**
00491101	Apalis iMX8QP 2GB V1.1B	00491102	Apalis iMX8QP 2GB V1.1C

2. Product Phase in / Phase-out Schedule

End of Life Product		Replacement Product	
Part Number	**Estimated Schedule**	**Part Number**	**Estimated Schedule**
00491101	Sample product, will be sold until inventory is depleted.	00491102	Samples available in late Q4, 2020

Customers are strongly encouraged to convert their designs to the replacement parts listed above. Toradex also advises customers to carefully validate the new product version before their production release, since the product is still in "Sample" product phase.

3. Description of Changes

Change #1: Fix HAR-4399 LVDS instability issue

- Using screened NXP i.MX8 SoCs which don't suffer from the LVDS instability issue (HAR-4399)
- There is no change in SoC part number

4. Customer Impact

Hardware

- Fixed issue "HAR-4399 instability issue (flickering) on the i.MX 8QM and i.MX 8QP LVDS interface" described in the Errata/Known Issues section https://developer.toradex.com/products/apalis-som-family/modules/apalis-imx8#errataknown-issues.

  Customers who are not using the LVDS interface or don't depend on this interface during early development are not affected by this errata and could continue ordering the Apalis iMX8QP 2GB V1.1B version as long as it's available.

Software

- This change doesn't have any impact on software according to NXP.
  It is expected that the software for Apalis iMX8QP 2GB V1.1C will support V1.1B.
- Apalis iMX8QP 2GB V1.1C is planned to be a Volume Product Candidate: A Sample product we plan to promote to a Volume Product with no significant changes. If complete verification is successful, this product will get the same long-term software support as a Volume Product.

Our latest software downloads are available on our developer website https://developer.toradex.com/software.

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