Product Change Notification (PCN): 0060 Verdin iMX8M Mini DualLite 1GB WB IT V1.1B - eMMC change

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1. Affected Product Numbers

End of Life Product		Replacement Product	
Part Number	Product Name	Part Number	Product Name
00601101	0060 Verdin iMX8M Mini DualLite 1GB WB IT V1.1B	00601102	0060 Verdin iMX8M Mini DualLite 1GB WB IT V1.1C

2. Product Phase-in / Phase-out Schedule

End of Life Product		Replacement Product	
Part Number	Estimated Schedule	Part Number	Estimated Schedule
00601101	Q3 2022	00601102	Q3 2022

Customers are strongly encouraged to convert their designs to the replacement parts listed above. Compatibility of the end of life parts with future software releases is not guaranteed. Toradex also advises customers to carefully validate the new product version before their production release, since the product has not yet reached the Volume Product life-cycle state.

3. Change Details

Change #1: eMMC

The eMMC part Micron MTFC8GAKAJCN-4M IT has been replaced with the Kioxia THGBMJG6C1LBAU7.

4. Customer Impact

Hardware
• The changes do not have an impact on customer hardware.

Software
• eMMC changes usually do not affect customer software, however, please validate your use case. The Kioxia eMMC features a different hardware area boot partition size compared to the Micron part. Toradex uses the last block of the primary hardware area boot partition to store important information such as the module's serial number in the so-called Config Block. Due to the different hardware area boot partition size the absolute location of this Config Block changed. All Toradex provided software calculates the Config Block address relative to the end of the hardware area boot partition, hence there is no software impact for standard software. Customers who explicitly write the Config Block to a fixed eMMC block number need to update the block number. It is recommended to review and test your software, especially if you have customized Toradex-provided software or used your own software to take advantage of eMMC-specific features. A common area to find such customizations is in the customer's factory programming process.

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.