

Product Change Notification - 0020 Colibri T20 256MB V1.2A to 0020 Colibri T20 256MB V1.2B

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Update 22 Feb 2024 : On Customer Impact Software - Minimum software requirement has been added.

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1. Affected Products

End of Life Product		Replacement Product (Replacement product to increase availability. Please, note that group EOL still apply)	
Part Number	Product Name	Part Number	Product Name
00201200	Colibri T20 256MB V1.2A	00201201	Colibri T20 256MB V1.2B

2. Product Phase-in / Phase-out Schedule

End of Life Product		Replacement Product (Replacement product to increase availability. Please, note that group EOL still apply)	
Part Number	Estimated Schedule	Part Number	Estimated Schedule
00201200	Due to NAND component supply issues, we can't assure last time buy (LTB) and last time ship (LTS) options. Existing orders are affected, except confirmed orders, and confirmed call-offs. The current product version will be sold until limited inventory is depleted under allocation and early orders will be prioritized.	00201201	Samples: Q1/2024

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.

3. Description of Changes

Change #1: NAND

Replacing NAND: Micron MT29F4G08ABBEAH4-IT:E with Micron MT29F4G08ABBFAH4-IT:F

Change #2: Touch and ADC functionality improvement

Replace capacitor C157: 10uF capacitor used for the touch/ADC reference with 1uF

4. Customer Impact

Hardware

- No customer impact is expected due to the NAND flash replacement.
- The component C157 is used for filtering the reference voltage of the Touch/ADC. The previously used capacitor value had been at the upper limit and in rare cases the Touch and ADC functionalities could show a slight drift-off over time due to capacitor degrading. The new, smaller capacitor value assures both less degrading and improved filtering capability for higher frequencies.

Software

- Linux: the aforementioned changes are not expected to have any impact on compatibility.
- WinCE: Minimum software requirement: BSP 2.2 release
- 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 flash specific features.

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