

Product Change Notification (PCN): 0016 Colibri iMX6S 256MB IT V1.1Z to 0016 Colibri iMX6S 256MB IT V1.1Y - Update Nov. 28 2023

Date of publication: 13 Jan 2022

Updated on 28 Nov 2023 Changes: Updated "Customer Impact" to provide details on replacing the pre-installed software from Toradex Easy Installer 1.8 to Toradex Easy Installer 5.3.0.

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1. Affected Product Numbers

| End of Life Product | | Replacement Product | |
|---------------------|--|---------------------|--|
| Part Number | Product Name | Part Number | Product Name |
| 00161125 | Colibri iMX6S 256MB IT V1.1Z (temporary version) | 00161124 | Colibri iMX6S 256MB IT V1.1Y (temporary version) |

2. Product Phase in / Phase-out Schedule

| End of Life Product | | Replacement Product | |
|---------------------|--|---------------------|--|
| Part Number | Estimated Schedule | Part Number | Estimated Schedule |
| 00161125 | Due to memory component supply issues, we can't assure last time buy (LTB) and last time ship (LTS) options. The current product version will be sold until limited inventory is depleted. | 00161124 | Samples February 2022 Volumes in March 2022 |

Toradex advises its customers to carefully validate the new product version before their production release. Samples for evaluation purposes will be available upon request. Existing orders are affected.

3. Description of Changes

Change #1: eMMC

Replacing eMMC: Micron MTFC4GACAJCN-4M IT with a Macronix MX52LM04A11XUI

Change #2: Toradex Easy Installer

Replacing the pre-installed software from Toradex Easy Installer 1.8 to Toradex Easy Installer 5.3.0.

4. Customer Impact

Hardware

- No impact on the hardware side is expected. However, please carefully verify the new product version in your environment.

Software

- eMMC changes usually do not affect customer software, however, please validate your use case. The Micron MTFC4GACAJCN-4M IT features larger boot partitions (16MB) compared to the Macronix MX52LM04A11XUI (4MB). Toradex uses the last block of the primary boot partition to store important information such as the module's serial number in the so-called config block. Due to the different 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 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 typical area to find such customizations is the customer's factory programming process.

- **The pre-installed software on the Replacement Product changes from Toradex Easy Installer 1.8 to Toradex Easy Installer 5.3.0. Toradex Easy Installer is typically used for the factory programming of SoMs.**

As Toradex Easy Installer 5.3.0 is featuring a newer major version of the Linux Kernel, there is a potential impact on customers' factory programming procedure. Therefore, we strongly advise to validate this new version of Toradex Easy Installer as soon as possible, especially if the factory programming procedure is relying on the following scripts: `prepare_script`, `wrapup_script`, `error-script`.

Customers can instantly download, install and validate the new version of Toradex Easy Installer. More information is available here: [Loading Toradex Easy Installer | Toradex Developer Center](#)

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