

Product Change Notification (PCN): 0016 Colibri iMX6S 256MB IT V1.1Z to 0016 Colibri iMX6S 256MB IT V1.1Y

Date of publication: 13 Jan 2022

Table of Contents

- 1. Affected Product Numbers
- 2. Product Phase in / Phase-out Schedule
- 3. Description of Changes
 - Change #1: eMMC
 - Change #2: Toradex Easy Installer
- 4. Customer Impact
 - Hardware
 - Software
- 5. Contact

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 new product version changes from Toradex Easy Installer 1.8 to Toradex Easy Installer 5.3.0. Easy Installer is typically used for factory programming.

We do not expect customer impact if you previously used Toradex Easy Installer 1.8. As with all changes, we recommend validating the new version in your setup as soon as possible. Easy Installer 5.3.0 is available today and also works on the current version of the SoM. Learn how to update Easy Installer here: <https://developer.toradex.com/software/toradex-easy-installer#tab-getting-started>

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