

# Product Change Notification (PCN)

Transition from Apalis iMX6D 512MB V1.1A to Apalis iMX6D 512MB V1.1B

Date of Publication: 2017-04-12 (updated on 2017-04-13 with technical clarifications)

## 1. Toradex Product Numbers Affected

EOL Product		Replacement Product	
Part Number	Product Name	Part Number	Product Name
00291100	Apalis iMX6D 512MB V1.1A	00291101	Apalis iMX6D 512MB V1.1B

## 2. Product Phase in / Phase out Schedule

EOL Product		Replacement Product	
Part Number		Part Number	
00291100	Limited stock available (on allocation).	00291101	Available from June 2017 onwards.

## 3. Description of Changes

From 00291100 Apalis iMX6D 512MB V1.1A to 00291101 Apalis iMX6D 512MB V1.1B:

- Replaced eMMC Toshiba THGBMBG5D1KBAIT (EOL) with Micron MTFC4GACAJCN-1M-WT
- i.MX 6 SoC and eMMC are irrevocably configured (fused) for “fast boot mode”
- The pre-installed software changes to “Toradex Easy Installer”

## 4. Customer Impact

### 4.1. Hardware Design

- There is no impact on the carrier board hardware design.

### 4.2. Software

- eMMC changes usually do not affect customer software.
- The i.MX 6 SoC and the eMMC will be fused in “fast boot mode”. More details about this can be found here: [http://developer.toradex.com/knowledge-base/linux-booting#eMMC\\_Fast\\_Boot\\_Mode\\_ApalisColibri\\_iMX6](http://developer.toradex.com/knowledge-base/linux-booting#eMMC_Fast_Boot_Mode_ApalisColibri_iMX6)

The new eMMC and the "fast boot mode" is supported in the latest stable or beta BSP/image versions.

However it may be supported starting with the following BSP/image versions:

- Windows Embedded Compact 7/2013: V1.1
- Embedded Linux: V2.6 beta 1

In case your current setup still relies on an older embedded Linux BSP/image version you may be

able to just update to a later U-Boot version, selectively patching the Linux kernel and leaving the root file system part as is.

- The pre-installed software on the new product version changes from “embedded Linux” to “Toradex Easy Installer”. The Toradex Easy Installer is a Linux based tool which improves the out-of-the-box experience for new customers as well as the production programming features for customers in volume production.

Customers who rely on the pre-installed embedded Linux image might be affected by this change. However, since the Toradex Easy Installer is based on U-Boot and embedded Linux, we expect most customer setups will continue working out-of-the-box. We strongly recommend to check this in detail. We provide the full Toradex Easy Installer package on our website in order to allow customers to download and install the tool and test their setup. The Toradex Easy Installer package available on our developer website is compatible with older Apalis iMX6 modules and can be used for verification immediately. However, flashing any image with the "Toradex Easy Installer" will irrevocably configure the i.MX 6 SoC and eMMC for "fast boot mode".

Find the details about “Toradex Easy Installer”, downloads, and installation instructions on our developer website: <http://developer.toradex.com/software/toradex-easy-installer>

## 5. Definitions

---

EOL: End Of Life

## 6. Contact

---

Please contact Toradex if you have any questions.

For commercial and sales questions please contact [shop@toradex.com](mailto:shop@toradex.com)

For technical questions please contact [support.arm@toradex.com](mailto:support.arm@toradex.com)