

Product Change Notification (PCN)

Transition from Colibri iMX6ULL 256MB V1.0B to Colibri iMX6ULL 256MB V1.1A

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1. Toradex Product Numbers Affected

EOL Product		Replacement Product	
Part Number	Product Name	Part Number	Product Name
00361001	Colibri iMX6ULL 256MB V1.0B	00361100	Colibri iMX6ULL 256MB V1.1A

2. Product Phase in / Phase out Schedule

Supplies of the discontinued product are limited. All orders will be filled on a first-come, first-served basis until our inventory is depleted. **Thereafter no orders for the discontinued products will be accepted, even if this occurs before the estimated last time buy date.**

EOL Product		Replacement Product	
Part Number	Estimated Schedule	Part Number	Estimated Schedule
00361001	Product will be sold until inventory is depleted.	00361100	Sample Production: Limited numbers available now. Volume Production: Q1 2019

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

From 00361001 Colibri iMX6ULL 256MB V1.0B to 00361100 Colibri iMX6ULL 256MB V1.1A:

- Power gate circuit added for Ethernet PHY to resolve Microchip KSZ8041NL errata (see [Colibri iMX6ULL Errata #1](#))
- Power rail switch between main 3.3V input rail and VCC_BATT to improve voltage level of SNVS GPIO pins
- Reset circuit improved

4. Customer Impact

4.1. Hardware Design

- Power gating of Ethernet PHY
 - Lower power consumption achievable for low power modes in which Ethernet is turned off.
- VCC_BATT power rail switching

- More stable logic levels of the SNVS GPIO pins.
- If the series diode between coin cell battery and SODIMM pin 40 (VCC_BATT) is missing, battery could get damaged. This diode is recommended in all Toradex reference designs and guides. Customers following these recommendations won't see any impact.
- Reset circuit improvement
 - No customer impact

4.2. Software

- Power gating of Ethernet PHY
 - No customer impact. Switching is done automatically when PHY clock gets disabled.
- VCC_BATT power rail switching
 - No customer impact
- Reset circuit improvement
 - No customer impact

5. Definitions

LTB: Last Time Buy

LTS: Last Time Ship

EOL: End Of Life

6. 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