

Product Change Notification (PCN): Colibri iMX6 Temporary versions EOL

Date of publication: 14 Mar 2024

Table of Contents

- 1. Affected Product Numbers
- 2. Product Phase in / Phase-out Schedule
- 3. Discontinuation Details
- 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
00141124	Colibri iMX6S 256MB V1.1Y (temporary version ¹)	00141101	Colibri iMX6S 256MB V1.1B (WEC) ²
		00771100	Colibri iMX6S 256MB V1.1A
00151124	Colibri iMX6DL 512MB V1.1Y (temporary version ¹)	00151101	Colibri iMX6DL 512MB V1.1B (WEC) ²
		00791100	Colibri iMX6DL 512MB V1.1A
00161124	Colibri iMX6S 256MB IT V1.1Y (temporary version ¹)	00161101	Colibri iMX6S 256MB IT V1.1B (WEC) ²
		00781100	Colibri iMX6S 256MB IT V1.1A
00171124	Colibri iMX6DL 512MB IT V1.1Y (temporary version ¹)	00171101	Colibri iMX6DL 512MB IT V1.1B (WEC) ²
		00801100	Colibri iMX6DL 512MB IT V1.1A

¹ These Product Numbers have been introduced as a temporary solution to the component availability issues experienced during the past 1-2 years.

² The suffix “(WEC)” is not part of the official product name. It is mentioned here to emphasize which product configurations feature a Windows Embedded Compact license. For more information, refer to the following article on our Developer Website: <https://developer.toradex.com/hardware/hardware-resources/new-sku-non-winec>.

2. Product Phase in / Phase-out Schedule

End of Life Product		Replacement Product	
Part Number	Estimated Schedule	Part Number	Estimated Schedule
00141124	Since each End of Life Product has a Replacement Product with an equal or greater feature set, Toradex will assist customers on the transitioning between products during the upcoming 3 (three) months.	00141101	The products have been released before and are already in Volume Production.
		00771100	
00151124		00151101	
		00791100	
00161124		00161101	
		00781100	
00171124		00171101	
		00801100	

Toradex advises its customers to carefully verify the Replacement Products before releasing them to production. Samples for evaluation purposes are available upon request.

3. Discontinuation Details

The temporary versions of the Colibri iMX6 have been introduced by removing the touch controller component from the product due to the aforementioned component availability issues. Toradex will discontinue these temporary versions and continue supplying the Colibri iMX6 versions with the touch controller and related components assembled.

4. Customer Impact

Hardware

- Besides having the touch, ADC, and PCB temperature sensor functionalities available again, no other hardware impact is expected. However, please carefully verify the Replacement Product in your environment.
 - 4-wire resistive touch functionality (Colibri pins 14, 16, 18, 20) are available in the replacement products. No changes are required on the Colibri carrier board.
 - Analogue input functionality (Colibri pins 2, 4, 6, 8) are available in the replacement products. No changes are required on the Colibri carrier board.

Software

All customers should carefully verify the Replacement Product in your environment.

Customer software

- Customers using input devices such as mouse and keyboard on Linux

As the touch controller is present on the replacement product, this component is added to the input devices list on Linux.

Customers who are using additional input devices (such as mouse, keyboard or any other) may have a numbering change in `/dev/input`. Therefore, these customers are strongly advised to verify their software in order to check the input devices numbering and change their software accordingly.

Torizon

- Please refer to **Toradex Linux BSP** section for more details

WinCE

No impact and no errors displayed. The WinCE BSP recognizes the presence and absence of the ADC/Touch controller and loads / unloads automatically.

Toradex Linux BSP

- For customers who have followed the instructions in this article, please consider reverting the changes: <https://developer.toradex.com/software/linux-resources/device-tree/software-adjustments-for-colibri-apalis-imx6-v11z-and-v11y-modules/>
- For customers who have not followed the changes in the aforementioned article, e.g. have not modified their device tree or have not used an overlay, the error messages and log entries, as those shown below, may be present on the End of Life Product. Those messages will not be present using the replacement product.
 - touchscreen controller errors `stmpe-i2c 0-0041: failed to read regs 0x0: -6`
 - errors from Toradex Easy Installer : Colibri-iMX6_ToradexEasyInstaller_1.8-20181019
`[0.137169] stmpe-i2c 1-0041: failed to read regs 0x0: -5`
`[0.420783] imx_usb 2184000.usb: Can't register ci_hdrc platform device, err=-517`
`[0.743337] snvs-secvio 20cc000.caam-snvs: can't get snvs clock`

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