

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

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Update 13 Jun 2024 - Customer impact section - new Toradex Easy Installer release for the versions that do not contain the WinCE license

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1. Affected Product Numbers

End of Life Product		Replacement Product	
Part Number	Product Name	Part Number	Product Name
00271125	Apalis iMX6Q 1GB V1.1Z (temporary version ¹)	00271103	Apalis iMX6Q 1GB V1.1D (WEC) ²
		00831100	Apalis iMX6Q 1GB V1.1A
00271124	Apalis iMX6Q 1GB V1.1Y (temporary version ¹)	00271103	Apalis iMX6Q 1GB V1.1D (WEC) ²
		00831100	Apalis iMX6Q 1GB V1.1A
00281124	Apalis iMX6Q 2GB IT V1.1Y (temporary version ¹)	00281103	Apalis iMX6Q 2GB IT V1.1D (WEC) ²
		00851100	Apalis iMX6Q 2GB IT V1.1A
00351124	Apalis iMX6D 1GB IT V1.1Y (temporary version ¹)	00351102	Apalis iMX6D 1GB IT V1.1C (WEC) ²
		00841100	Apalis iMX6D 1GB 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 products have been released before and are already in Volume Production. 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
00271125	Each End of Life Product has a fully compatible Replacement Product and with an equal or greater feature set.	00271103	The products have been released before and are already in Volume Production.
00271124		00831100	
00281124	Toradex will assist customers on the transitioning between products during the upcoming 3 (three) months.	00271103	
		00831100	
00281103			
00851100			
00351124		00351102	
		00841100	

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 Apalis 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 Apalis iMX6 versions with the touch controller and related components assembled.

4. Customer Impact

Hardware

- 4-wire resistive touch functionality (Apalis pins 315, 317, 319, 321) are available in the replacement product. No changes are required on the Apalis carrier board.
- Analog input functionality (Apalis pins 305, 307, 309, 311) are available in the replacement product. No changes are required on the Apalis carrier board.
- Besides having the touch, ADC, and PCB temperature sensor functionalities available again, no other hardware impact is expected.

Software

WinCE

- The WinCE BSP recognizes the presence and absence of the ADC/Touch controller and loads / unloads automatically. Therefore there is no impact expected.

Toradex Linux BSP

- As the touch controller is present on the replacement product, this component is added to the list of input devices 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. There is no impact expected on customer software not using additional input devices.
- For customers who have followed the instructions in this article, please consider reverting the changes: [Software Adjustments for Colibri / Apalis iMX6 V1.1Z and V1.1Y Modules | Toradex Developer Center](#).
- 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:
`[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`

Torizon

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

Toradex Easy Installer

- The updated Product Configurations that do not include the WinCE license now come with Toradex Easy Installer version 5.7.5. Toradex advises customers to validate their application following the Developer Article that was written for these new product configurations: <https://developer.toradex.com/hardware/hardware-resources/new-sku-non-winec/#validation-for-the-new-product-configurations>
- Product configurations that were released before and are already in volume production did not change their Toradex Easy Installer version.

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