Product Change Notification (PCN): 00231105 Colibri T30 1GB V1.1F

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1. Affected Product Numbers

End of Life Product		Replacement Product	
Part Number	**Product Name**	**Part Number**	**Product Name**
00231105	Colibri T30 1GB V1.1F	00231106	Colibri T30 1GB V1.1G

2. Product Phase-in / Phase-out Schedule

End of Life Product		Replacement Product	
Part Number	**Estimated Schedule**	**Part Number**	**Estimated Schedule**
00231105	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.	00231106	Samples/volumes in February 2022

We advise customers to carefully validate the new product version before their production release.

3. Description of Changes

The changes are required due to supply chain issues with sudden interruptions in the supply of certain components. With this short-term change, we try to minimize the supply gap of the complete SoM product.

Change #1: eMMC

- Replacing eMMC Micron MTFC4GACAJCN-1M WT with SkyHigh S40FC004C1B1C00

Change #2: RAM

- Replacing RAM Intelligent Memory IM4G16D3FABG-125 with Intelligent Memory IM4G16D3FDBG-107

4. Customer Impact

Hardware

- No impact on custom carrier board designs is expected when the designs were done according to Toradex carrier board design guides. However, please carefully verify the new product version in your environment.

Software

- We don't expect any impact from the RAM change.
- eMMC changes usually do not affect customer software, however, please validate your use case. The SkyHigh S40FC004C1B1C00 eMMC has a different boot partition size than Micron MTFC4GACAJCN-1M WT. Since our config block is always located in the last block of the primary boot partition, the absolute address of the config block changes. Customers not specifically writing the config block or using relative addressing are not affected by this change. 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. This change could furthermore also affect factory programming.
- The functionality of the new product was successfully verified with Linux BSP 2.7 and 2.8 as well as with WinCE BSP 2.2. Please test your application carefully with the new product to verify the correct operation with your setup and environment.

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