

Product Division – Product Change Notice

Product Information

PCN Tracking Number	735-00009v0A
Issue Date	2018-03-29
Product Part Number	See “Other Information” below for affected part numbers.
Customer Part Number	See “Other Information” below for affected part numbers.

Change Information

Description of Change	Multiple product enhancements – See “Other Information” below.	
Method of identifying Changed Product	Part number printed on the bottom of the units. New unit serial numbers starting with C0320Axxxx-xxxxx	
Reason for Change	Speed improvements, larger memory sizes, unify part numbers	
Anticipated Impact	Form	No impact
	Fit	No impact
	Function	See “Other Information” below
	Quality	No impact
	Reliability	No impact

Change Schedule

Estimated Production Ship Date	2018-06-15
Supplier Qualification Plan Schedule	Not Applicable
Qualification Data Available	Not Applicable
Samples Available	2018-05-15
Last Date of Manufacture of Unchanged Product	2018-03-01

Other Information:

Original part numbers:

Vesta-100B	VG3-1E4-B0-US	1604-1015-ND
Vesta-100R	VG3-1E4-TA-US	1604-1016-ND
Vesta-200B	VG3-2E4-WIB0-USA	1604-1017-ND
Vesta-200R	VG3-2E4-WITA-USA	1604-1018-ND
Vesta-300B	VG3-23E4-WIB0C0-ASA	1604-1022-ND
Vesta-300R	VGS-23E4-WITAC0-ASA	1604-1020-ND

New part number:

Vesta-300

Enhancements:

MCU: Change from iMX6.UL @ 528MHz to iMX6.ULL @ 800MHz

- faster overall performance

eMMC: Increase from 4GB to 8GB

- additional storage

NOR Flash:

- Removed – use first eMMC partition

DDR3: Increase from 256MB to 512MB

- additional working memory

Wi-Fi: Change from Qualcomm QCA6234 to Qualcomm QCA9377

- ensures ongoing availability

Bluetooth LE: Change from nRF52832/KW41Z to nRF52840

- provides all Bluetooth 5 features (long range, advertising extensions and faster on-air rate)
- PA for higher output power
- LNA on receive for greater sensitivity

Other Information (continued):

Rigado has provided a common Yocto BSP to accommodate easy migration from all previous models to the Vesta-300B. See <https://developer.rigado.com> for build details. A single Yocto build will provide support for existing and new part numbers.