Product Change Notification

1 PCN Information

Title	Product Change Notification		
PCN Number	PCN-2004-SA50-0015	**Issue Date (yyyy-mm-dd)**	2020-04-28
PCN Revision	1.0	**Effective Date (yyyy-mm-dd)**	2020-05-08
Refers to Change Order	ECO-002463	**Expiration Date (yyyy-mm-dd)**	N/A
Refers to Change Request	N/A	**Authors**	SDA/DJA

2 Product Identification

2.1 Product Data

	Pre-Conversion	Post-Conversion
Product Name	conga-SA5	conga-SA5
Product Number P/N	See appendix	See appendix
Serial Number S/N	N/A	N/A
Lot Number	N/A	N/A
Hardware Revision	B.3	B.4
BIOS Revision	N/A	N/A
congatec Board Controller Revision	N/A	N/A

2.2 Means of Distinguishing Changed Products

		Remark
Product Number	☐	
Hardware Revision	☑	
Lot Code	☐	
Label	☐	
Other	☐	

3 Description and Reason of Change

AVL	☐	**Product Improvement**	☑
Material	☐	**BIOS Release**	☐
Assembly Process	☐	**Firmware Release**	☐
Assembly BOM	☐	**Datasheet/Manual**	☐
Testing	☐	**DFM**	☐
Manufacturing Site	☐	**Other**	☐
Equipment	☐		

3.1 Hardware Change

Replaced dual rank LPDDR4 memory chips for conga-SA5 8GB onboard memory variants with single rank 16Gb onboard memory chips due to EOL of the previously used memory chips.

4 Impact of the change (positive or negative) on fit, form, function & reliability

4.1 Quality and Reliability

The changes listed in section 3 improve the product quality and reliability performance.

4.2 Software Compatibility

It is required to use BIOS revision SA50R156 or newer for conga-SA5 8GB variants in order to support the single rank 16Gb memory chips.

4.3 Hardware Compatibility

Fully hardware compatible with the previous revision.

> *Note*
>
> *The change described within this PCN does not affect the functionality of the modules. congatec is not obligated to perform an update on modules that have already been delivered or on modules that are pending delivery unless explicitly mentioned herein. If you have any questions about this matter please contact your local congatec AG representative.*

5 Product/Revision Discontinuation

All previous product revisions are set to EOL status (End-Of-Life).

After the release of this PCN there will be a transition time of 6 months whereby a delivery may consist of products based on previous revisions as well as new revisions. After the completion of the transition time, only products based on the new revision will be delivered. This does not include products that fall under the RMA process.

6 Contact Information

congatec Contact	Technical Solution Center
Fax	+49-991-2700-111
eMail	support@congatec.com

7   Customer Acknowledgment of Receipt

congatec AG records indicate that you require written notification of this change. Fill in the acknowledgment below and eMail this document to the eMail address above to request additional information. If congatec AG does not receive acknowledgment within 30 days of this notice it will be assumed that this change is acceptable. congatec AG reserves the right to ship either version manufactured after the process change effective date until the inventory on the earlier version has been depleted.

Customer Name	
Title	
Phone	
Fax	
eMail	

8   Revision History

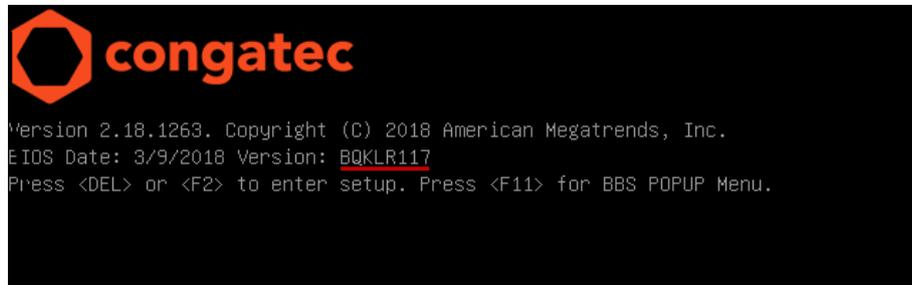| Revision	Date (yyyy-mm-dd)	Author	Changes
1.0	2020-04-28	SDA, DJA	Initial Release

9 Appendix: congatec revision description

The product information can be derived from the congatec product label:
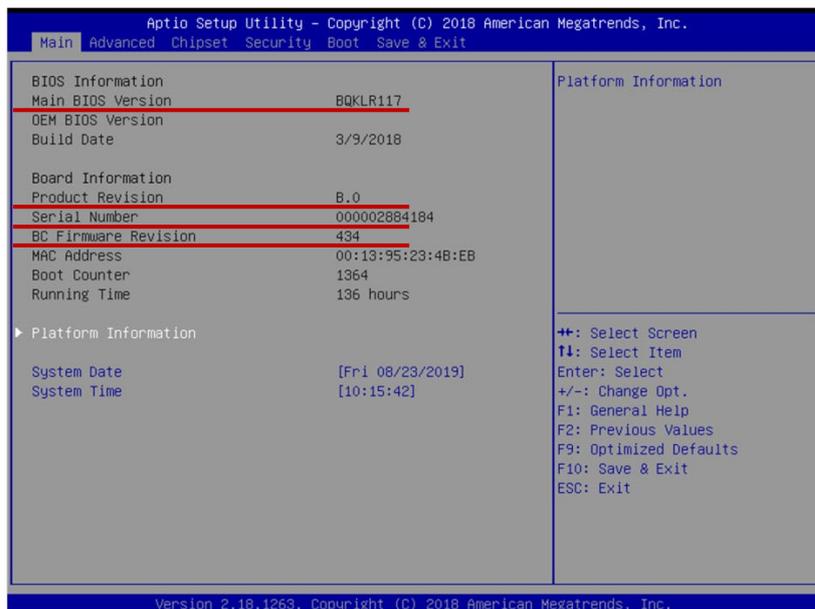

The BIOS can be determined during BIOS POST. The Main BIOS Version, Product Revision, Serial Number and Firmware Revision (Board Controller Firmware) can be determined in the BIOS Setup Utility (Main Menu):

BIOS POST
BIOS Setup Utility

Product Change Notification

9.1   Pre/Post Revision Table

pre-conv. P/N	post-conv. P/N	pre-conv. Rev.	post-conv. Rev.	pre-conv. Lot	post-conv. Lot
050000	050000	B.3	B.4	N/A	N/A
050013	050013	B.3	B.4	N/A	N/A
050023	050023	B.3	B.4	N/A	N/A
050031	050031	B.3	B.4	N/A	N/A
650000	650000	A.0	A.1	N/A	N/A
650020	650020	A.2	A.3	N/A	N/A