Product Change Notification

1 PCN Information

Title	Product Change Notification		
PCN Number	PCN-2201-B7E3-0010	**Issue Date (yyyy-mm-dd)**	2022-01-14
PCN Revision	1.0	**Effective Date (yyyy-mm-dd)**	2022-01-17
Refers to Change Order	ECO-003214	**Expiration Date (yyyy-mm-dd)**	N/A
Refers to Change Request	N/A	**Authors**	SDA/SGA

2 Product Identification

2.1 Product Data

	Pre-Conversion	Post-Conversion
Product Name	conga-B7E3	conga-B7E3
Product Number P/N	See appendix	See appendix
Serial Number S/N	N/A	N/A
Lot Number	N/A	N/A
Hardware Revision	A.1 B.1	A.2 B.2
BIOS Revision	N/A	N/A
congatec Board Controller Revision	GEN5P023	GEN5P025

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2.2 Means of Distinguishing Changed Products

		Remark
Product Number	☐	
Hardware Revision	☑	
Lot Code	☐	
Label	☐	
Other	☑	Board Controller firmware revision is displayed in the BIOS setup menu.

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

Changed the congatec Board Controller (cBC) from Microchip MEC1705 to MEC1706.

3.2 cBC Firmware Update

Refer to the following Board Controller firmware PCNs:

- PCN-2111-GEN5-0014
- PCN-2111-GEN5-0015

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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

The new Microchip variant MEC1706 requires the use of the cBC firmware revision GEN5P025 or newer and congatec System Utility version 1.6.1 or newer. Except for this, GEN5P025 is compatible with the previous revision.

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, contact your local congatec GmbH 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 12 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

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7 Customer Acknowledgment of Receipt

congatec GmbH 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 GmbH does not receive acknowledgment within 30 days of this notice it will be assumed that this change is acceptable. congatec GmbH 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	2022-01-14	SDA/SGA	Initial Release

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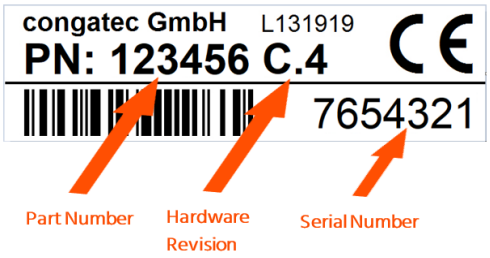
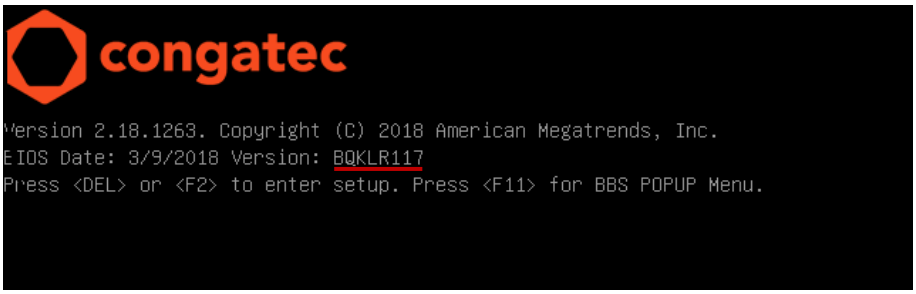
9 Appendix: congatec revision description

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

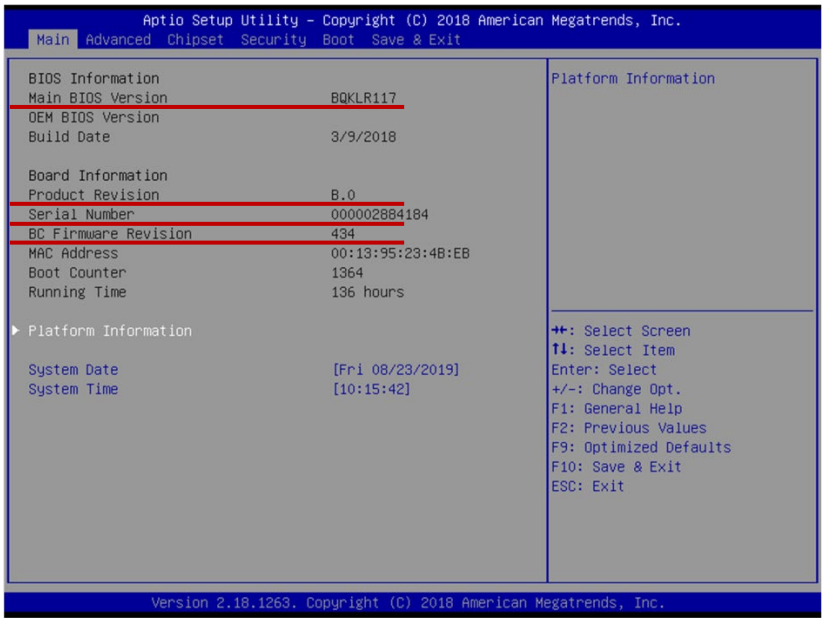


The BIOS can be determined during BIOS POST. The Main BIOS Version, Product Revision, Serial Number and Firmware Revision (Board Controller Firmware) can be determined in the BIOS Setup Utility (Main Menu):

BIOS POST



BIOS Setup Utility



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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
048600	048600	B.1	B.2	N/A	N/A
048602	048602	B.1	B.2	N/A	N/A
048604	048604	A.1	A.2	N/A	N/A
048605	048605	A.1	A.2	N/A	N/A
048606	048606	A.1	A.2	N/A	N/A
048607	048607	A.1	A.2	N/A	N/A
048608	048608	A.1	A.2	N/A	N/A

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