

## 1 PCN Information

Title	Product Change Notification		
PCN Number	PCN-2103-QA30-0036	Issue Date (yyyy-mm-dd)	2021-03-30
PCN Revision	1.0	Effective Date (yyyy-mm-dd)	2021-04-09
Refers to Change Order	ECO-002777	Expiration Date (yyyy-mm-dd)	N/A
Refers to Change Request	N/A	Authors	SDA/YTO

## 2 Product Identification

### 2.1 Product Data

	Pre-Conversion	Post-Conversion
Product Name	conga-QA3	conga-QA3
Product Number P/N	See appendix	See appendix
Serial Number S/N	See appendix	See appendix
Lot Number	N/A	N/A
Hardware Revision	See appendix	See appendix
BIOS Revision	N/A	N/A
congatec Board Controller Revision	N/A	N/A

### 2.2 Means of Distinguishing Changed Products

		Remark
Product Number	<input type="checkbox"/>	
Hardware Revision	<input checked="" type="checkbox"/>	
Lot Code	<input type="checkbox"/>	
Label	<input type="checkbox"/>	
Other	<input type="checkbox"/>	

## 3 Description and Reason of Change

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AVL	<input checked="" type="checkbox"/>	Product Improvement	<input type="checkbox"/>
Material	<input type="checkbox"/>	BIOS Release	<input type="checkbox"/>
Assembly Process	<input type="checkbox"/>	Firmware Release	<input type="checkbox"/>
Assembly BOM	<input type="checkbox"/>	Datasheet/Manual	<input type="checkbox"/>
Testing	<input type="checkbox"/>	DFM	<input type="checkbox"/>
Manufacturing Site	<input type="checkbox"/>	Other	<input type="checkbox"/>
Equipment	<input type="checkbox"/>		

### 3.1 Hardware Change

Changed sourcing of CPU voltage controller for commercial temperature variants of conga-QA3. Previous hardware revision of conga-QA3 uses industrial temperature CPU voltage controller ( $T_A$ : -40°C to +100°C) for all variants. This change allows the use of commercial temperature type ( $T_A$ : -10°C to +100°C) for the commercial temperature variants of conga-QA3 due to current component sourcing situation.

## 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

Fully software compatible with 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	<a href="mailto:support@congatec.com">support@congatec.com</a>

# Product Change Notification

## 7 Customer Acknowledgment of Receipt

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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

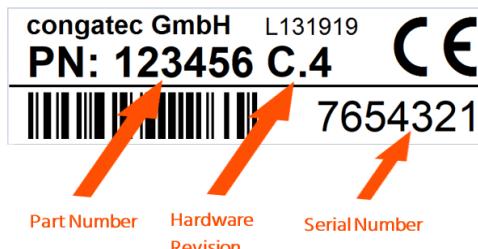
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Revision	Date (yyyy-mm-dd)	Author	Changes
1.0	2021-03-30	SDA/YTO	Initial Release

# Product Change Notification

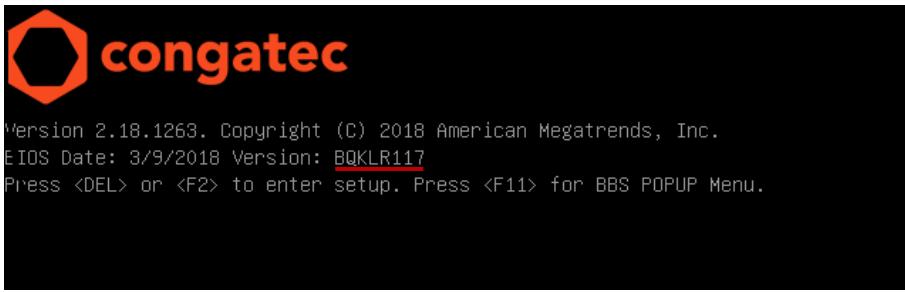
## 9 Appendix: congatec revision description

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



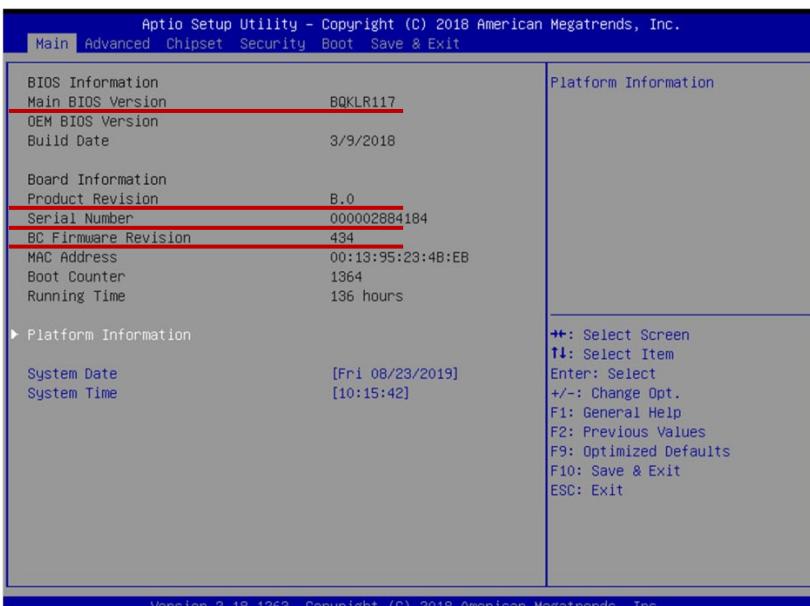
The BIOS can be determined during BIOS POST. The Main BIOS Version, Product Revision, Serial Number and Firmware Revision (Board Controller Firmware) can be determined in the BIOS Setup Utility (Main Menu):

**BIOS POST**



Version 2.18.1263. Copyright (C) 2018 American Megatrends, Inc.  
 BIOS Date: 3/9/2018 Version: BQKLR117  
 Press <DEL> or <F2> to enter setup. Press <F11> for BBS POPUP Menu.

**BIOS Setup Utility**



Aptio Setup Utility - Copyright (C) 2018 American Megatrends, Inc.

Main		Advanced	Chipset	Security	Boot	Save & Exit
BIOS Information		Platform Information				
Main BIOS Version		BQKLR117				
OEM BIOS Version						
Build Date		3/9/2018				
Board Information						
Product Revision		B.0				
Serial Number		000002884184				
BC Firmware Revision		434				
MAC Address		00:13:95:23:4B:EB				
Boot Counter		1364				
Running Time		136 hours				
► Platform Information						
System Date		[Fri 08/23/2019]				
System Time		[10:15:42]				
++: Select Screen ††: Select Item Enter: Select +/−: Change Opt. F1: General Help F2: Previous Values F9: Optimized Defaults F10: Save & Exit ESC: Exit						

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# 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
015100	015100	D.0	D.2	N/A	N/A
015101	015101	D.0	D.2	N/A	N/A
015102	015102	D.0	D.2	N/A	N/A
015103	015103	D.0	D.2	N/A	N/A
015104	015104	D.0	D.2	N/A	N/A
015105	015105	D.1	D.2	N/A	N/A
015106	015106	D.0	D.2	N/A	N/A
015107	015107	D.0	D.2	N/A	N/A
015108	015108	D.0	D.2	N/A	N/A
015109	015109	D.0	D.2	N/A	N/A
015111	015111	D.0	D.2	N/A	N/A
015112	015112	D.0	D.2	N/A	N/A
015113	015113	D.0	D.2	N/A	N/A
015130	015130	D.0	D.2	N/A	N/A
615198	615198	A.0	A.1	N/A	N/A
615147	615147	A.2	A.3	N/A	N/A
615146	615146	A.2	A.3	N/A	N/A
615125	615125	C.0	C.1	N/A	N/A
615118	615118	B.0	B.1	N/A	N/A
615106	615106	D.0	D.1	N/A	N/A