

## 1 PCN Information

Title	Product Change Notification		
PCN Number	PCN-2107-QMX6-0024	Issue Date (yyyy-mm-dd)	2021-07-21
PCN Revision	1.0	Effective Date (yyyy-mm-dd)	2021-07-21
Refers to Change Order	ECO-002921	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-QMX6	conga-QMX6
Product Number P/N	See Appendix	See Appendix
Serial Number S/N	N/A	N/A
Lot Number	N/A	N/A
Hardware Revision	C.4/C.5	C.5/C.6
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

Updated the sourcing of the voltage detector IC used for 3.3V voltage rail to improve reliability and robustness.

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

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### 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

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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

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

## 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	

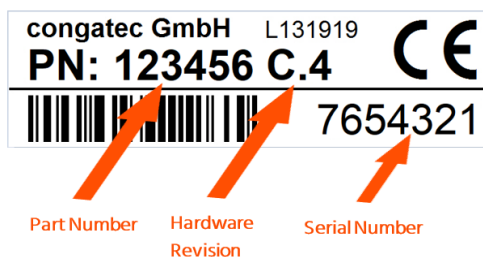
## 8 Revision History

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Revision	Date (yyyy-mm-dd)	Author	Changes
1.0	2021-07-21	SDA/SGA	Initial Release

## 9 Appendix: congatec revision description

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



### 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
016300	016300	C.4	C.5	N/A	N/A
016301	016301	C.4	C.5	N/A	N/A
016302	016302	C.4	C.5	N/A	N/A
016303	016303	C.4	C.5	N/A	N/A
016304	016304	C.4	C.5	N/A	N/A
016305	016305	C.5	C.6	N/A	N/A
016306	016306	C.5	C.6	N/A	N/A
016310	016310	C.4	C.5	N/A	N/A
016311	016311	C.4	C.5	N/A	N/A
016312	016312	C.4	C.5	N/A	N/A
016313	016313	C.4	C.5	N/A	N/A
016318	016318	C.4	C.5	N/A	N/A