Product Change Notification

1   PCN Information

Title	Product Change Notification		
PCN Number	PCN-2101-TSKL-0005	**Issue Date (yyyy-mm-dd)**	2021-02-01
PCN Revision	1.0	**Effective Date (yyyy-mm-dd)**	2021-03-10
Refers to Change Order	ECO-002703	**Expiration Date (yyyy-mm-dd)**	N/A
Refers to Change Request	N/A	**Authors**	CJR/FDA

2   Product Identification

2.1   Product Data

	Pre-Conversion	Post-Conversion
Product Name	conga-TS175, conga-TC175	conga-TS175, conga-TC175
Product Number P/N	See Appendix	See Appendix
Serial Number S/N	N/A	N/A
Lot Number	See Appendix	See Appendix
Hardware Revision	See Appendix	See Appendix
BIOS Revision	BxKLR122	BxKLR122
congatec Board Controller Revision	CGBCP439	CGBCP440

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   cBC Firmware Update

Refer to **PCN-2012-CGBC-0055.**

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

When using board controller firmware revisions earlier than CGBCP440, the system gets stuck in a reboot loop when the reset button signal is held low. When using CGBCP440 it is performing a restart. Other than that difference, it is 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 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 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 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.
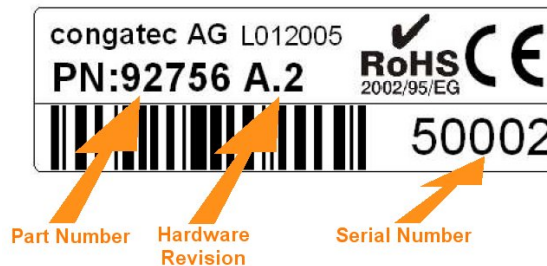
Customer Name	
Title	
Phone	
Fax	
eMail	

8 Revision History

Revision	Date (yyyy-mm-dd)	Author	Changes
1.0	2021-01-25	CJR/FDA	Initial release of document.

9 Appendix: congatec revision description

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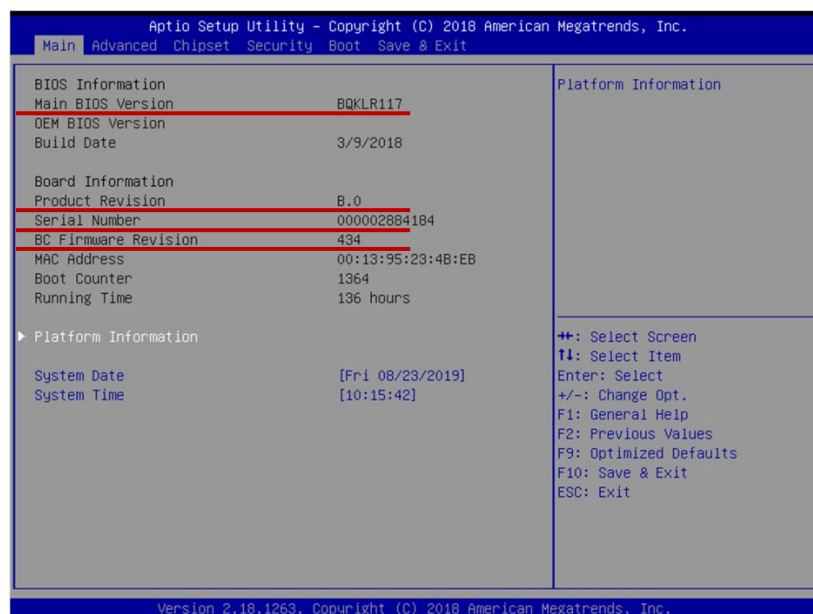

The BIOS can be determined during BIOS POST. The Main BIOS Version, Product Revision, Serial Number and Firmware Revision (Board Controller Firmware) can be determined in the BIOS Setup Utility (Main Menu):

BIOS POST

BIOS Setup Utility

Product Change Notification

9.1   Pre/Post Revision Table

conga-TC175

pre-conv. P/N	post-conv. P/N	pre-conv. Rev.	post-conv. Rev.	pre-conv. Lot	post-conv. Lot
045250	045250	C.1	C.1	L294420 and previous	Later than L294420
045251	045251	C.1	C.1	L290319 and previous	Later than L290319
045252	045252	C.1	C.1	L294420 and previous	Later than L294420
045253	045253	C.1	C.1	L295120 and previous	Later than L295120
645253	645253	A.0	A.0	L133320 and previous	Later than L133320
645254	645254	A.0	A.0	L131320 and previous	Later than L131320
645256	645256	A.0	A.0	L132120 and previous	Later than L132120
645257	645257	A.0	A.0	L135220 and previous	Later than L135220
645261	645261	A.0	A.0	L130221 and previous	Later than L130221
645970	645970	A.0	A.0	L130421 and previous	Later than L130421

conga-TS175

pre-conv. P/N	post-conv. P/N	pre-conv. Rev.	post-conv. Rev.	pre-conv. Lot	post-conv. Lot
045950	045950	B.0	B.0	L134520 and previous	Later than L134520
045951	045951	B.0	B.0	L131619 and previous	Later than L131619
045952	045952	B.0	B.0	L131920 and previous	Later than L131920
045953	045953	B.0	B.0	L290619 and previous	Later than L290619
045954	045954	B.0	B.0	L132117 and previous	Later than L132117
045955	045955	B.0	B.0	L134920 and previous	Later than L134920
045956	045956	B.0	B.0	L132220 and previous	Later than L132220
645950	645950	A.2	A.2	L130121 and previous	Later than L130121