



Connect Tech Inc.
Embedded Computing Experts

www.connecttech.com

Product Change Notification

SRG004

PCN Number:	CTIU-00011
Revision:	0.00
Issue Date:	2019-05-29
Effective Date:	2019-05-24
Authors:	TH

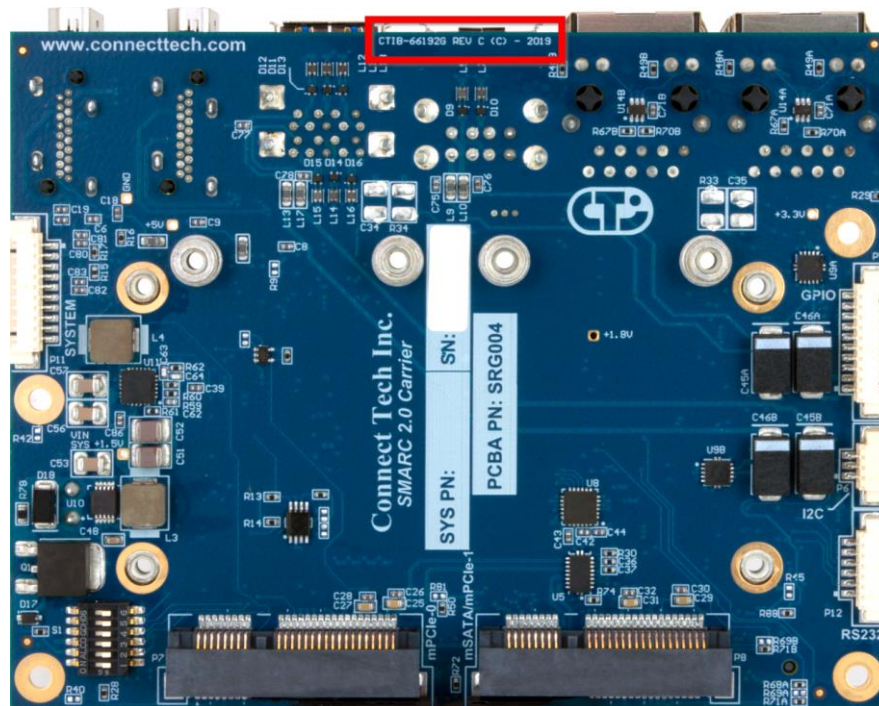
1 Product Identification

1.1 Product Data

	Effectuated Products
CTI Part Numbers	SRG004
Serial Number	N/A
Lot Number	N/A
Hardware Revision	Revision C and later
Firmware Version	N/A

1.2 Means of Distinguishing Changed Products

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



2 Description and Reason of Change

AVL	<input type="checkbox"/>	Product Improvement	<input checked="" 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"/>		

SRG004 MIPI Camera Connectors:

The Connect Tech Inc. (CTI) SRG004 offers two connectors that use MIPI CSI that interface with third party cameras. The type of connector used for these interfaces has been changed on revision C of the hardware.

Rev B and earlier connectors were i-Pex 20525-030E-02C.
Rev C and later connectors are Hirose FH41-28S-0.5SH(05).

These connectors were changed to improve the availability of cameras and software available in the market place for use with the SRG004. If you discover that these changes create an issues for your application please contact us at support@connecttech.com with the relevant details of your issue.

SRG004 S1 DIP Switch:

The Connect Tech Inc. (CTI) SRG004 has a DIP switch on the board to allow the use to modify the boot select settings as well as to choose between mSATA or Mini PCIe. An additional signal was added to the DIP switch intended for OEM use only. Please see below of the updated DIP switch as well as the user guide for more details.



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

3.1 Quality and Reliability

The changes listed in Section 2 should not have any impact of the quality or reliability of the SRG004.

3.2 Software Compatibility

N/A – the software compatibility depends on the third party Smarc 2.0 module as well as the third party cameras used.

3.3 Hardware Compatibility

The MIPI CSI connectors are not backward compatible between revision C and earlier revisions.

3.4 Mechanical Compatibility

The updated connectors are located in the same general area of the SRG004 board and have a similar foot print and mating style, however you are encouraged to ensure mechanical compatibility using the 3D model of the updated board (available on the product [webpage](#)).

4 Product / Revision Discontinuation

These changes take effect immediately upon the release of this PCN and only revision C and later of the SRG004.

5 Contact Information

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