

Product Change Notification

PCN# 20170612000



- PCN for SolidRun's SolidPC which will be transitioning from:
Revision 1.2 to Revision 1.3

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Simple. Robust. Computing Solutions

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Background

SolidRun will be transitioning the SolidPC carrier-board from Rev 1.2 to Rev 1.3

Dear customer

We are contacting all customers who - during the past twenty-four (24) months - have purchased one or more of SolidRun Ltd. products affected by this discontinuation. We would like to inquire if you will have any continuing requirements for the current revision in the future.

SolidPC (SKU: SRSPCOE000CV12) Rev 1.2 Last Time Buy is June 31st, 2017

SolidPC Rev 1.3 samples (SKU: SRSPCOE000CV13) will be available starting June 11th, 2017 on our online store at:

<https://www.solid-run.com/product/solidpc-q4-carrier/#configuration>

This notification period is per SolidRun Ltd. standard process.



Affected SKUs

The impacted SKUs are all of the SKUs for SolidPC family. Please see detailed information below on the changes of the SKUs.

EOL Product		Replacement Product	
SKU	Description	SKU	Description
SRSPC0E000CV11	SolidPC Q4 No eMMC Com. Temp R1.1	SRSPC0E000CV13	SolidPC Q4 Com. Temp R1.3

Motives

The motives for this product revision are bug fixes and improvements.

Mechanical

No mechanical changes have been made to the SolidPC carrier-board.

Electrical

1. BUG fix - Added 2.2uF capacitance on AVDD33 near pin 23. The lack of this capacitor showed unreliable and CRC errors in the Ethernet NIC (RTL8111GS)
2. BUG fix - swapped SATA_RXN0 and SATA_RXP0 - those are the receive side of the SATA connector (typically unassembled)
3. BUG fix - DisplayPort pin 20 (DP_PWR) was directly connected to V3P3S. The issues is that the display can power this domain so V3P3S would be driven when SolidPC was powered off. Notice D1 Schottky diode in the design
4. VBUS improvement - Added 2x47uF capacitance on the VBUS (V5S_USB). The issue that was observed is high ripple on VBUS when connecting mechanical USB CD-ROM drive.

Software

No software changes have been made to the SolidPC carrier-board..

Contact

Please contact SolidRun if you have any questions.

For commercial and sales inquiries please email: sales@solid-run.com

For technical questions please email: support@solid-run.com