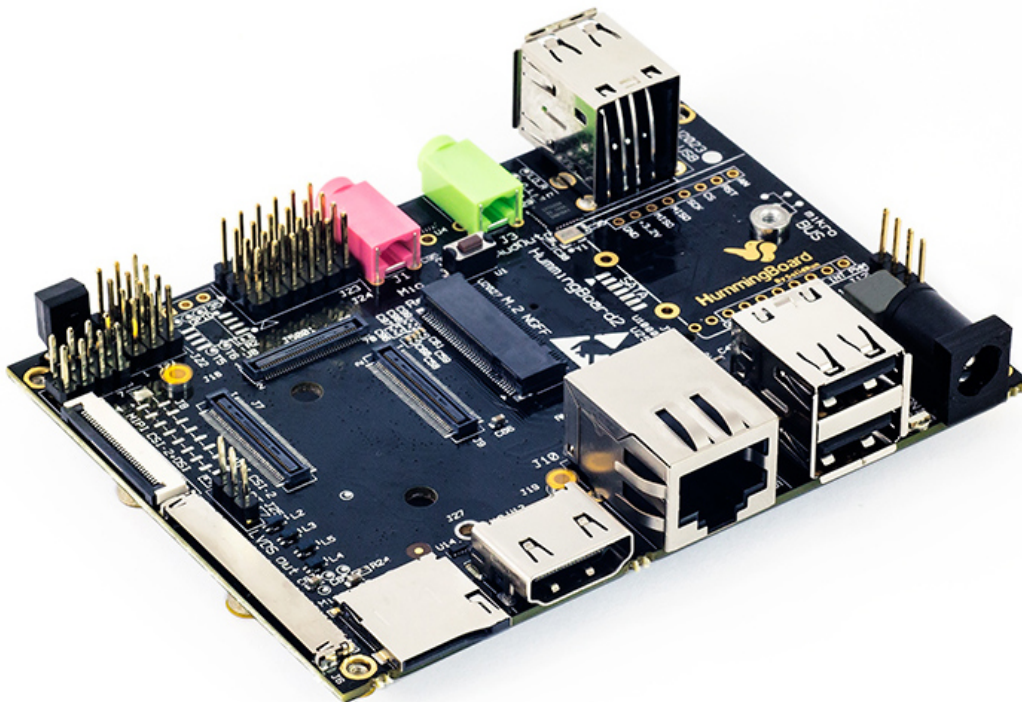


Product Change Notification

PCN# 20170404000



- PCN for HummingBoard Edge/Gate Rev 1.2
 - HummingBoard Gate SKU: SRHBCGE000CV12 Rev 1.2
 - HummingBoard Edge SKU: SRHBCEE000CV12 Rev 1.2
- Both carrier-boards will be transitioning from Rev 1.2 to Rev 1.4

Date of publication: April 9th 2017

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Background

Dear customer

SolidRun Ltd. is discontinuing production of 2 HummingBoard carrier-boards:

- A. HummingBoard Edge (SKU: SRHBCEE008CV12) Rev 1.2 will be replaced with HummingBoard Edge Rev 1.4 (SKU: SRHBCEE008CV14)
- B. HummingBoard Gate (SKU: SRHBCGE000CV12) Rev 1.2 will be replaced with HummingBoard Gate Rev 1.4 (SKU: SRHBCGE000CV14)

Because you have purchased one or more of SolidRun Ltd. products affected by the discontinuation during the past twenty-four (24) months, we would like to know if you have any continuing requirements for the existing revision in the future.

HummingBoard Edge (SKU: SRHBCEE008CV12) Rev 1.2 Last Time Buy is July 15th 2017

HummingBoard Gate (SKU: SRHBCGE000CV12) Rev 1.2 Last Time Buy is July 15th 2017

HummingBoard Edge & Gate samples available starting at April 9th 2017 in our online store at:

<https://www.solid-run.com/freescale-imx6-family/hummingboard/>

We will contact you as soon as we have completed our review of all customer responses to determine the appropriate course of action required to satisfy your needs for the products.

This notification period is per SolidRun Ltd. standard process.

Affected SKUs

The impacted SKUs are all of the SKUs for HummingBoard family of carrier-Boards. Please see detailed information below on the changes of the SKUs.

EOL Product		Replacement Product	
SKU	Description	SKU	Description
SRHBCGE000CV12	HummingBoard Gate No eMMC Com. Temp R1.2	SRHBCGE000CV14	HummingBoard Gate No eMMC Com. Temp R1.4
SRHBCEE008CV12	HummingBoard Edge 8GB eMMC Com. Temp R1.2	SRHBCEE008CV14	HummingBoard Edge 8GB eMMC Com. Temp R1.4

Product Changes

Rev 1.4 schematics for both the Edge & Gate models are available on our wiki at: <https://wiki.solid-run.com/doku.php?id=products:imx6:documents#hummingboard>

1. USB Hub:
Changed Rev-1.2 USB Hub IC from Cypress CY7C65632 to a MicroChip USB2514Bi in Rev 1.4. This should not be visible to customer software.

EOL Product		Replacement Product	
SKU	USB Hub	SKU	USB Hub
SRHBCGE000CV12	Cypress CY7C65632	SRHBCGE000CV14	MicroChip USB2514Bi
SRHBCEE008CV12	Cypress CY7C65632	SRHBCEE000CV14	MicroChip USB2514Bi

2. mikroBUS reset signal bug fix:
Connected mikroBUS RESET Signal to WDOG1_B (i.MX6 GPIO Pin) instead of POR_B (Board hardware reset)
3. mikroBUS UART TX and RX signals have been swapped to meet mikroBUS spec requirement
4. Boot selection can be performed via jumpers on header J5005

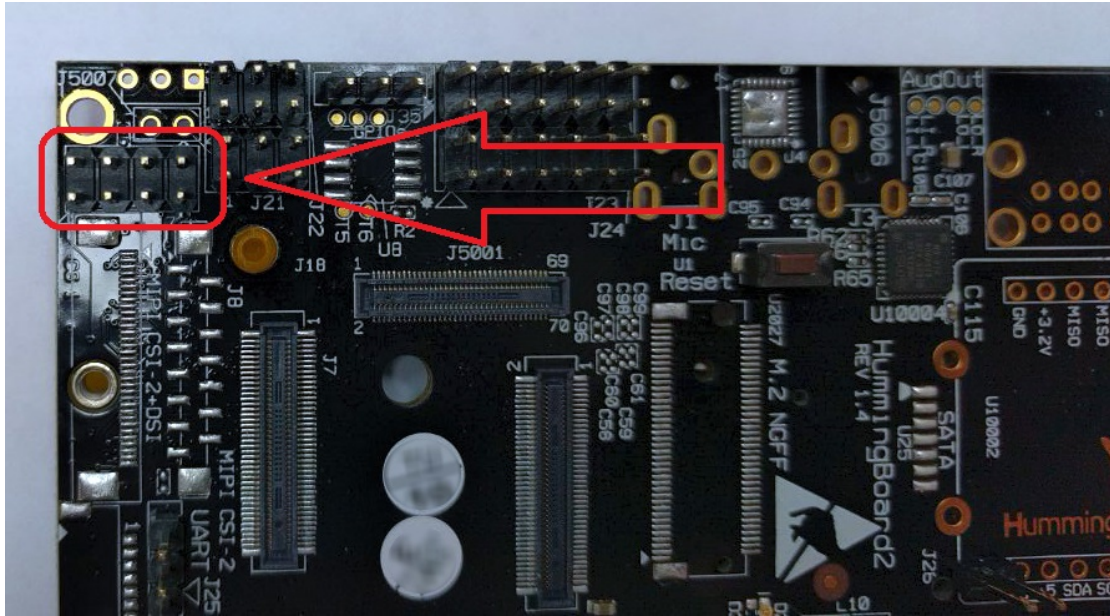


Figure 1 Location of J5005 head on PCB

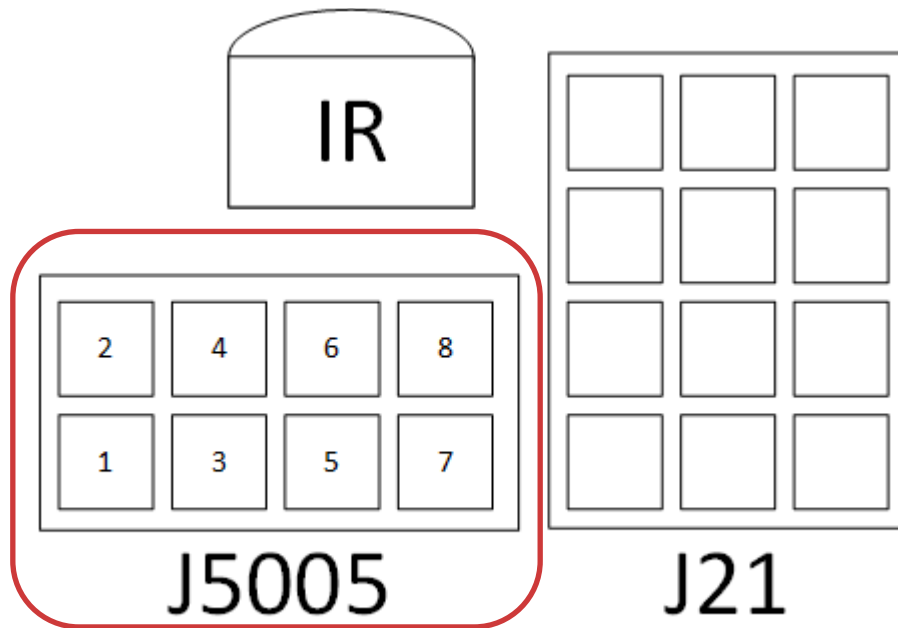


Figure 2 J5005 pin number locations

To boot from:

- a. **eMMC** 3 jumpers will be needed: (1+2) & (5+6) & (7+8)
- b. **MicroSD** 2 jumpers will be needed: (3+4) & (5+6)
- c. **M.2 SATA SSD**: 1 jumper will be needed: (1+2)
- d. **USB OTG**: No jumpers needed: ensure that no jumpers are connected to J5005

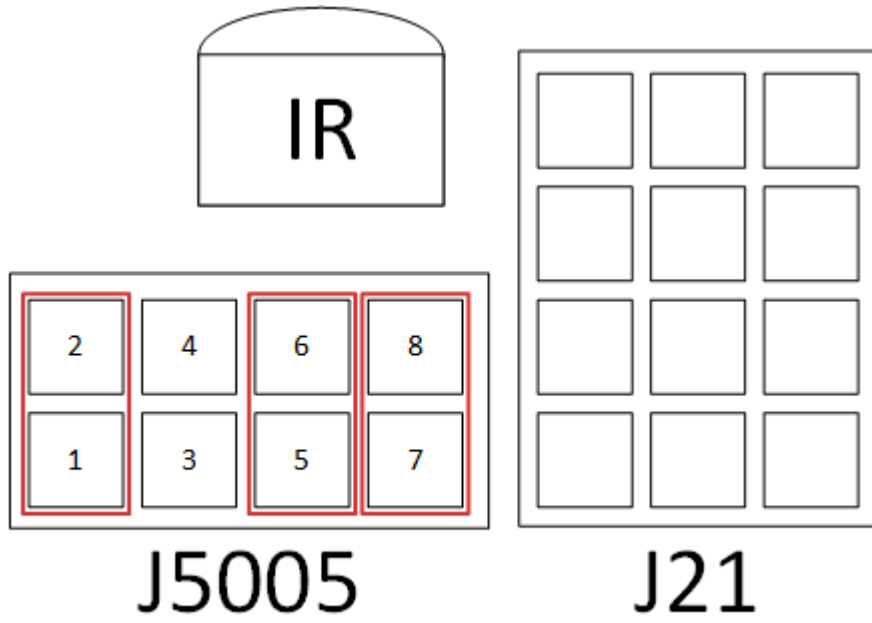


Figure3 Jumper Positions for eMMC booting

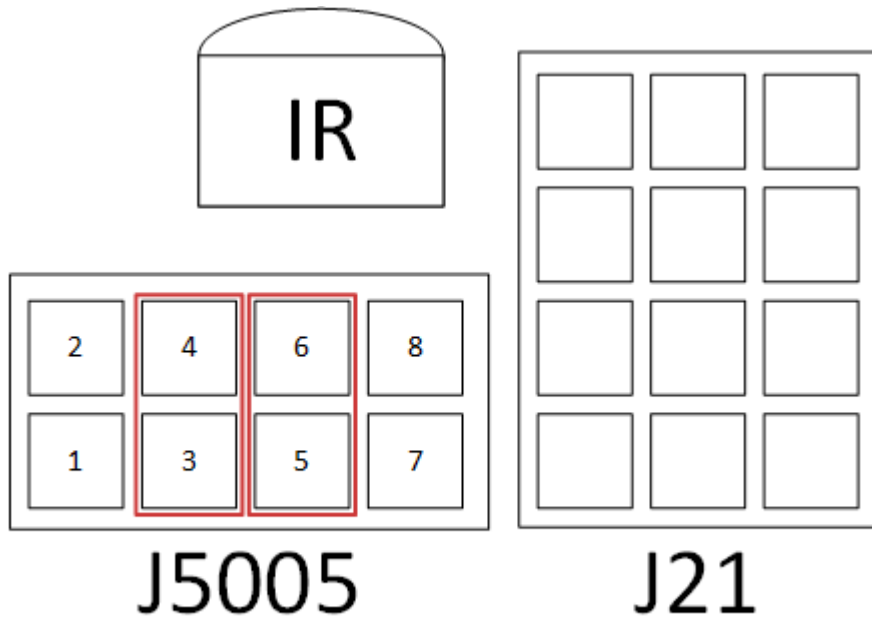


Figure4 Jumper Positions for MicroSD booting

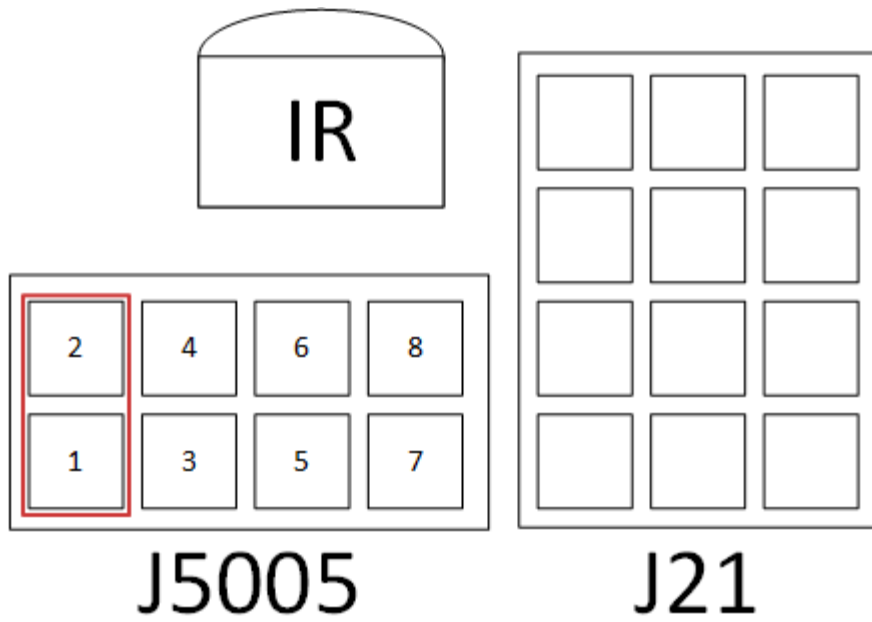


Figure 5 Jumper Positions for M.2 SATA SSD booting

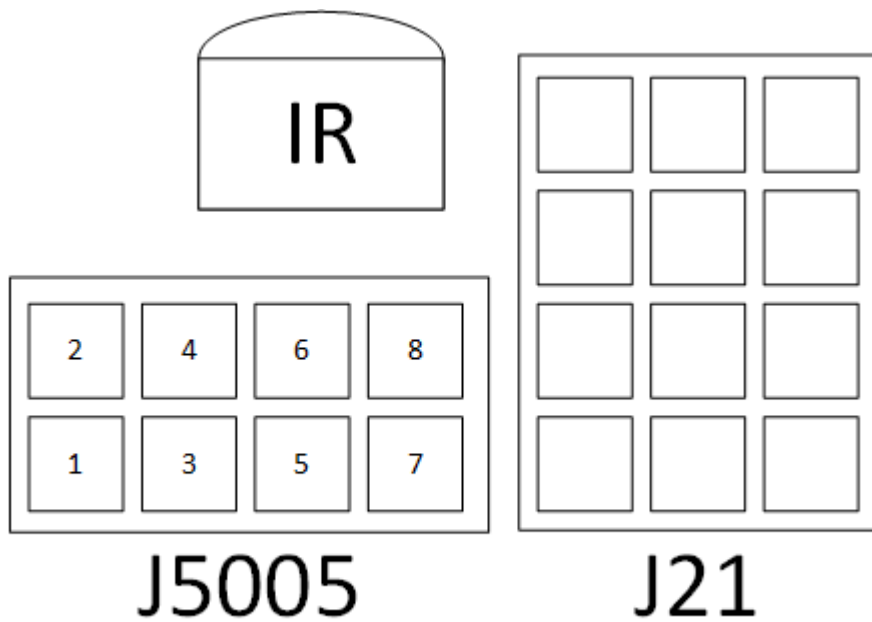


Figure 6 For USB OTG booting – verify that no jumpers are installed



Contact

Please contact SolidRun if you have any questions.

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

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