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# PCN

## Raspberry Pi 4 Revision 9 PCB

Raspberry Pi (Trading) Ltd

2021-10-12: githash: c6a7fd2-clean

# Colophon

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## Document version history

Release	Date	Description
1.0	25th September 2021	<ul style="list-style-type: none"><li>• Initial release</li></ul>

# Product Change Note

## Notification date

24th September 2021

## Title

Change of Raspberry Pi 4 PCB to Revision 9.

## Product Identification

Raspberry Pi 4 devices (1GB, 2GB, 4GB, 8GB memory densities)

## Reason for Change

Move to a new power management chip.

## Change Description

Old PCB revision: R6

Old software model number: 1.4

New PCB revision: R9

New software model number: 1.5

Raspberry Pi have extensively tested and qualified alternatives which closely match the original parts in terms of specification and performance:

## Mechanical (Form, Fit, Function) Changes

- New DA9090 PMIC.
- No other significant changes

## Electrical

- New DA9090 PMIC.

## Software/Firmware Changes Required

This new product revision is supported in firmware versions from September 2021 onwards.

The firmware version can be queried by running 'vcgencmd version' from the Raspberry Pi OS command line. It can also be found for an image by running

```
strings /boot/start.elf | grep VC_BUILD
```

(where /boot/ is the boot partition of the filesystem).

Raspberry Pi always recommend using the latest version of firmware and linux kernel, wherever that is practical.

Transition Date(s)

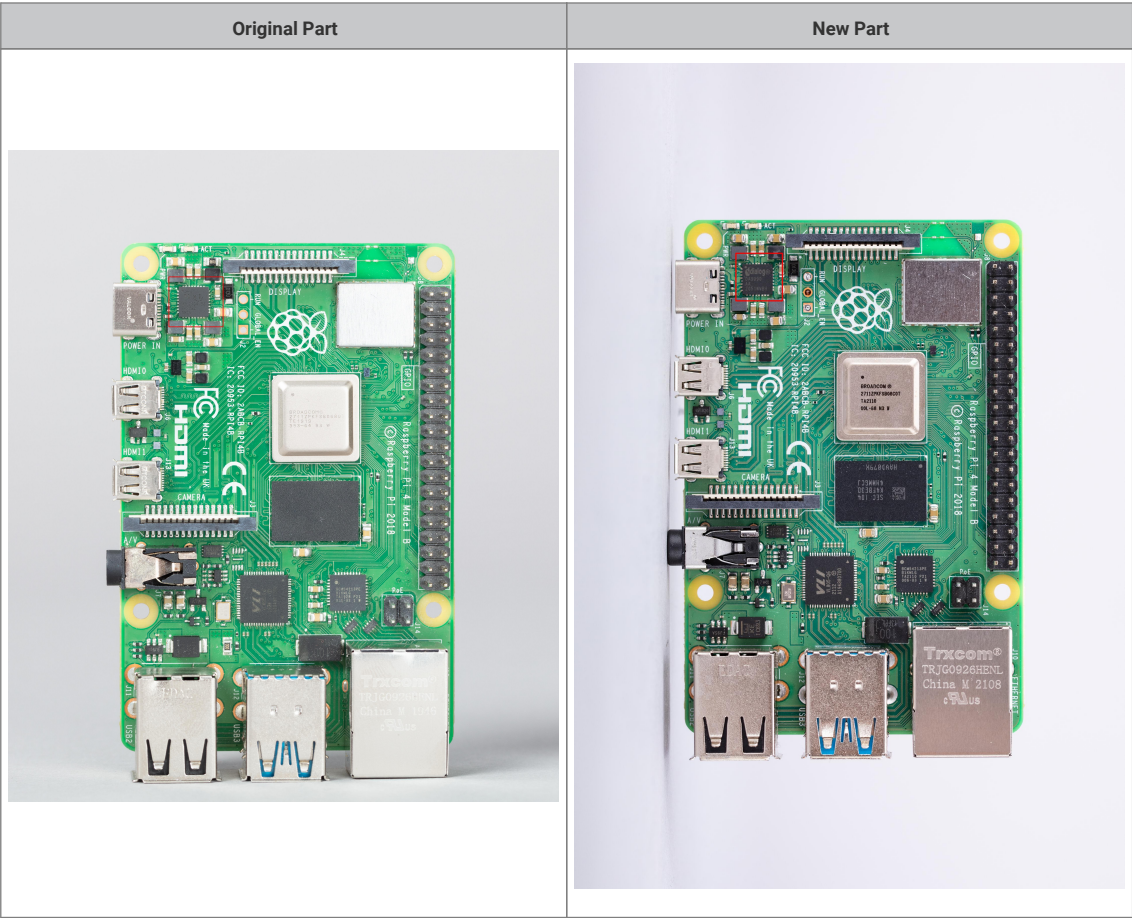
October 2021



There will be a transition period where both old and new units are available in the distribution channel.

Identification Method to Distinguish Change

- New product can be distinguished by:
- `cat /proc/cpuinfo` will report "Model" as "Raspberry Pi 4 Model B Rev 1.5"

Image indentification



Original Part	New Part
	

**Contact Details for more information**

Please contact [applications@raspberrypi.com](mailto:applications@raspberrypi.com) if you have any queries about this PCN.

Web: [www.raspberrypi.com](http://www.raspberrypi.com)



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