PCN
Raspberry Pi 3B+ Revision 9 PCB
Raspberry Pi Ltd

2022-04-13: githash: b2338cf-clean
Colophon

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## Document version history

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<th>Release</th>
<th>Date</th>
<th>Description</th>
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<tr>
<td>1.0</td>
<td>4th March 2022</td>
<td>• Initial release</td>
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Product Change Note

Notification date
4th March 2022

Title
Change of Raspberry Pi 3B+ PCB to Revision 9.

Product Identification
Raspberry Pi 3B+ devices

Reason for Change
Move to a new power management chip.

Change Description
Old PCB revision: R5
Old software model number: 1.3
New PCB revision: R9
New software model number: 1.4
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/November 2022

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 3 Model B+ Rev 1.4'

**Image identification**

<table>
<thead>
<tr>
<th>Original Part</th>
<th>New Part</th>
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![Image of original and new parts]
Contact Details for more information

Please contact applications@raspberrypi.com if you have any queries about this PCN.

Web: www.raspberry.com