Product Change Note

Notification date

1st March 2023

Title

Change of Raspberry Pi 3A+ PCB to Revision 2.

Product Identification

Raspberry Pi 3A+ devices

Reason for Change

Move to a new power management chip.

Change Description

Old PCB revision: R1

Old software model number: 1.0

New PCB revision: R2

New software model number: 1.1

Raspberry Pi Ltd 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 April 2023 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 Ltd always recommend using the latest version of firmware and linux kernel, wherever that is practical.

Use Raspberry Pi Imager to create a new SD card with the latest Raspberry Pi OS, or use the following to upgrade an existing system:

```
sudo apt update
sudo apt full-upgrade
```
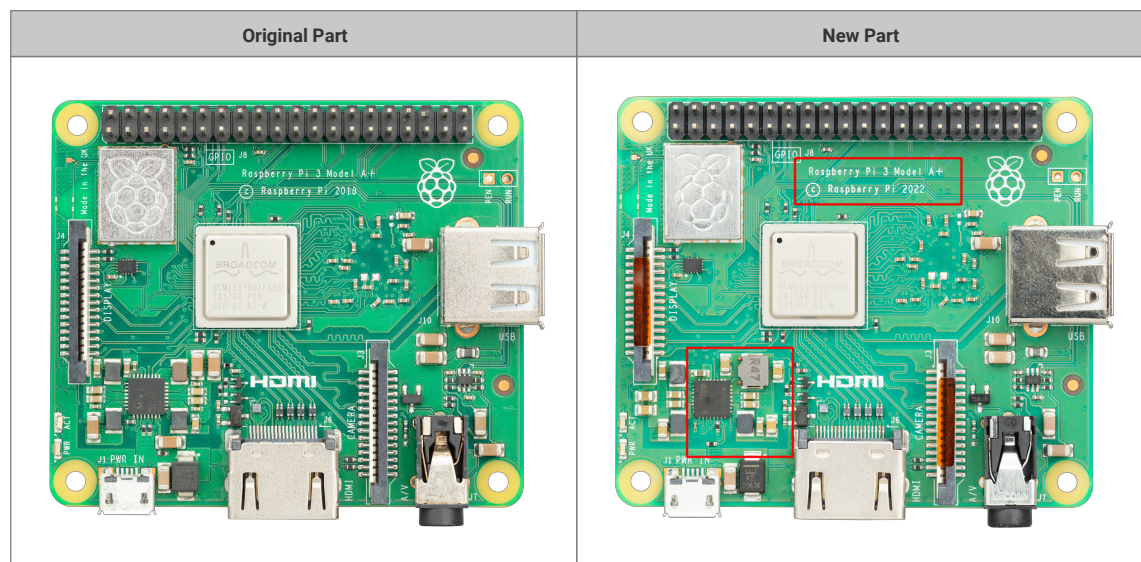
Transition Date(s)

March 2023

There will be a transition period where both old and new units are available in the distribution channel.
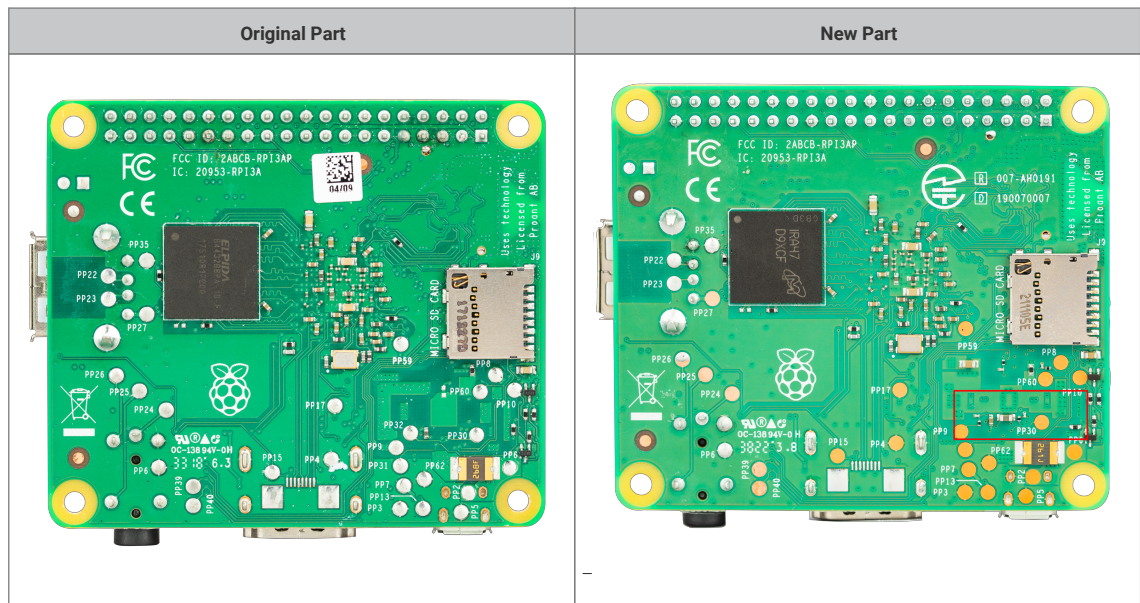
Identification Method to Distinguish Change

New product can be distinguished by:

- `cat /proc/cpuinfo` will report "Model" as "Raspberry Pi 3 Model A Plus Rev 1.1"

Image indentification

Original Part	New Part

Original Part	New Part

Contact Details for more information

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

Web: www.raspberrypi.com

Raspberry Pi Ltd