



Raspberry Pi Zero 2 W

PCN 38 – Move to 43436P wireless device

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Document version history

Release	Date	Description
1	1 Oct 2025	Initial release
2	1 Oct 2025	Fixed typo

Product Change Notification

Notification ID

38

Notification date

1 Oct 2025

Title

Change of wireless device from 43436S to 43436P.

Products Affected

Raspberry Pi Zero 2 W

Reason for Change

Supply chain management

Change Description

The wireless device that provides Wi-Fi and Bluetooth is changing from SYN**43436S**XKUBG to SYN**43436P**XKUBG. The P variant provides better BT4.2 support, specifically the Data Link Extension (DLE). In all other aspects the devices provide equivalent performance.

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

None

Electrical

None

Software/Firmware Changes Required

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

The firmware version and date can be queried by running 'vcgencmd version' from the Raspberry Pi OS command line.

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:

</> Code

```
sudo apt update  
sudo apt full-upgrade
```

Transition Date(s)

1 Nov 2025

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

Identification Method to Distinguish Change

There is no physical difference between the two variants.

The new product can be distinguished when logged in by bringing up a terminal window and typing the following:

</> Code

```
dmesg | awk -F "/" '/Firmware: BCM43430/ {print $2}' | cut -c1
```

This will return 1 for the older 43436S variant and 2 for new the 43436P variant.

Contact Details for more information

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

Web: www.raspberrypi.com



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