



Raspberry Pi Camera Module 3 Sensor assembly (IMX708)

PCN 42 – IMX708 Preprogrammed
OTP

Colophon

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Document version history

Release	Date	Description
1	24 Jul 2026	Initial release

Product Change Notification

Notification ID

42

Notification date

24 Jul 2026

Title

Raspberry Pi Camera Module 3 Sensor assembly (IMX708) - Preprogrammed OTP

Products Affected

Raspberry Pi Camera Module 3 Sensor assembly (IMX708)

Reason for Change

Consistency of supply and improvement to end-user productivity.

Change Description

The Raspberry Pi Camera Module 3 Sensor assembly (IMX708) supply is fulfilled by TS-P. Prior to this PCN, devices from TS-P have unprogrammed OTP memory.

Raspberry Pi Camera Module 3 devices manufactured by Sony use the Raspberry Pi Camera Module 3 Sensor assembly (IMX708) and during the production process they have the user OTP programmed to identify what lens is installed and whether the IR filter is removed (NoIR devices).

From the transition date, TS-P will preprogram the sensor assembly with the same information as that found Raspberry Pi Camera Module 3. Customers obtaining the device from TS-P will no longer need to program the OTP themselves or manually set the lens configuration in `config.txt`.

Mechanical (Form, Fit, Function) Changes

None

Electrical

None

Software/Firmware Changes Required

Customers may need to alter production line software to check if the OTP is already programmed prior to programming the devices themselves.

Transition Date(s)

Jul 2026

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 unprogrammed and programmed devices.

To identify the status of a device, install the camera module on a Raspberry Pi Ltd SBC and use the following from the Raspberry Pi OS terminal.

```
</> Code  
dmesg | fgrep -i imx708
```

For an autofocus wide-angle camera with the IR filter present, the result will be similar to this: “camera module ID 0x0302”

To identify the specific model, examine the ID. The first two digits after 0x will be “03” (for Raspberry Pi Camera Module V3). The third and fourth digits will be one of the following:

- 01** Autofocus standard daylight
- 02** Autofocus wide daylight
- 81** Autofocus standard NoIR
- 82** Autofocus wide NoIR

Contact us for more information

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

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Raspberry Pi

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