Raspberry Pi Product Change Notification

RPI-PCN-Pi3B-001

Notification date:

1st November 2018

Title:

Change of Broadcom SoC.

Product Identification:

Raspberry Pi 3 Model B v.1.2 (Made in UK and Made in PRC versions).

Reason for Change:

Move to single SoC supply chain for all Raspberry Pi 3 boards.

Change Description:

Raspberry Pi have extensively tested the new part which meets or exceeds the specification and performance of the original part:

Part Description and Ref	Original Part	New Part
Multimedia SoC (U1)	Broadcom BCM2837RIFBGT	Broadcom BCM2837RIFSBTB0T

Mechanical (Form, Fit, Function) Changes:

New part, BCM2837RIFSBTB0T has a Z height which is 1.06mm higher than the original part, BCM2837RIFBGT.

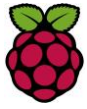The new part, BCM2837RIFSBTB0T, has a metal heat spreader.

Firmware Changes Required:

None.

Transition Date(s):

The new part will be phased into manufacturing from January 2019 in both China and UK factories.

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 the appearance of the SoC device (U5), with the new device being identified by the metal (silver) top of the device vs. the original part which is black.

Reference	Original Part	New Part
U5		