Raspberry Pi Product Change Notification

RPI-PCN-CM3-001

Notification date:
23rd May 2018

Title:
Change of eMMC Flash memory part.

Product Identification:
Raspberry Pi Compute Module 3 V1.0 (Made in PRC and Made in UK versions).

Reason for Change:
EOL of KLM4G1FEPD-B031 (Samsung 4GByte eMMC Flash).

Change Description:
The current eMMC part is end of life (EOL).

Raspberry Pi have extensively tested and qualified alternatives which closely match the original parts in terms of specification and performance:

<table>
<thead>
<tr>
<th>Part Description and Ref</th>
<th>Original Part</th>
<th>New Part</th>
</tr>
</thead>
<tbody>
<tr>
<td>4GByte eMMC (U7)</td>
<td>Samsung KLM4G1FEPD-B031</td>
<td>Samsung KLM4G1FETE-B041</td>
</tr>
</tbody>
</table>

Mechanical (Form, Fit, Function) Changes:
None.

Firmware Changes Required:
None.

Transition Date(s):
The new part is approved for manufacturing runs in both China and UK factories with effect from the date of this notice.

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 markings on the eMMC device (U7).

<table>
<thead>
<tr>
<th>Reference</th>
<th>Original Part</th>
<th>New Part</th>
</tr>
</thead>
<tbody>
<tr>
<td>U2</td>
<td><img src="image1.png" alt="Original Part" /></td>
<td><img src="image2.png" alt="New Part" /></td>
</tr>
</tbody>
</table>