

Product Advisory

Issue Date: February 18, 2020

Change Type:

BOM component change only. No change to PCB layout.

Parts Affected:

Part Number
BCM957302A3021AC
BCM957302M3020CBK
BCM957302M3021CBK
BCM957302M3022AC
BCM957302M3023CBK
BCM957302M3024CBK
BCM957304A3040C
BCM957304A3041C
BCM957304A3041CC
BCM957304M3041W
BCM957304M3042C
BCM957312A3120LC
BCM957312A3120LFRU
BCM957314A3143CC
BCM957412A4120AC
BCM957412A4120DC
BCM957412A4120DLPC
BCM957412M4120C
BCM957412M4122C
BCM957412M4123C
BCM957414A4140C
BCM957414A4141DC
BCM957414A4141DLPC
BCM957414A4141LC
BCM957414A4141LFRU
BCM957414A4142CC
BCM957414M4140C
BCM957414M4142C
BCM957414M4142DC
BCM957414M4143C
BCM957414M4145C



Part Number
BCM957416A4160C
BCM957416A4160DC
BCM957416A4160DLPC
BCM957416A4160LC
BCM957416A4160LFRU
BCM957416A4161LC
BCM957416M4160C
BCM957416M4161C
BCM957454A4540C
BCM958802A8046C
BCM958802A8048C

Description and Extent of Change:

One resistor will be added and one removed.

Reasons for Change:

BOM change disables the Heat Sink Detection Logic (HSDL) on the adapters listed. HSDL circuitry is redundant with the ASIC's on-chip temperature sensors for detecting thermal events. Removing HSDL circuitry will increase quality by eliminating possible false positive events.

Effect of Change on Fit, Form, Function, Quality, or Reliability:

The adapter specification will remain the same. No changes to adapter form, fit, or function other than the removal of the Heat Sink Detection Logic. The adapter quality and reliability may improve since the Heat Sink Detection Logic can report false positive events.

Effective Date of Change:

The BOM change will be implemented as a running change. Product shipments will begin after 3/15/2020. Timing of shipment of the updated BOMs will vary by part number depending on qualification completion, customer demand, and inventory levels.

Please contact your Broadcom field sales engineer or Contact Center for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.