BROADCOM

Product Advisory

Issue Date: December 16, 2024

Change Type:
Board refresh for lifespan extension

Parts Affected:

Part Number	Current Revision	Updated Revision	PCI-ID Change	Min FW Version	Min Driver Version
BCM957416N4160C	020	TBD*	Yes**	2.34	2.33
BCM957414N4140C	023	TBD*	No	2.34	2.30
BCM957412N4120C	022	TBD*	No	2.34	2.30
BCM957416A4160C	016	TBD*	Yes**	2.34	2.33
BCM957414A4142CC	025	TBD*	No	2.34	2.30
BCM957412A4120AC	020	TBD*	No	2.34	2.30

* PA will be amended with updated revision numbers prior to production launch
** Device ID (DID) changes from 0x16D8 to 0x16D6

Description of Change:

BCM5741x (Whitney+) adapters have been in production for over 7 years. Based on customer feedback, Broadcom plans to extend their lifespan. To ensure long term supply continuity, Broadcom has refreshed the BCM5741x (Whitney+) adapter portfolio to avoid older component EOL concerns. Additionally, as part this update, current best practices were applied to the design including providing over-current protection and power reductions. Design changes are summarized in the table below.

Part Number	Enhancement	Description
All	External voltage regulators	Replaced integrated regulators with external regulators
All	Fuse protection	Added fuses to all power rails for overcurrent protection
BCM957416N4160C BCM957416A4160C	External Base-T PHY	Replaced BCM57416 Wh+ BT controller with BCM57412 + External 10GBASE-T PHY

All adapters will be updated to the latest available firmware when released.

Effect of Change on Fit, Form, Function
None

Effective Date of Change:
This will be a rolling change indicated by the updated revision of the part number.
Refreshed board samples are available after March 2025, all adapters will be updated by end of March 2026.

BROADCOM

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.