

## Product Advisory

Issue Date: November 24, 2021

**Change Type:**

BOM component change only. No change to PCB layout.

**Parts Affected:**

Board	Scan Chain	WOL	AC Noise
BCM957414N4140LC/FRU (Victoria)	N	N	N
BCM957416N4160LC/LCFRU (Superior)	Y	Y	N
BCM957416N4161LC/LCFRU (Aral)	N	N	Y
BCM957508-N2100L/FRU (Huangshan)	Y	Y	N
BCM957508-P2100L2/LF2 (OldSpice)	N	Y	N
BCM957454-N425SNL/SNLFRU (Posh)	Y	Y	N
BCM957454-N410SLBT/SLBTF (Baby)	Y	Y	N

Board	Scan Chain	WOL	AC Noise
BCM957412N4120C	N	N	Y
BCM957504-N1100GD/GDQ	N	N	N
BCM957504-N1100GI	Y	Y	N
BCM957504-N1100G	Y	Y	N
BCM957508-P2100G	N	Y	N
BCM957508-N2100G	Y	Y	N
BCM957508-N2100GI	Y	Y	N
BCM957504-N425G	Y	N	N

	Description and Extent of Change	Reasons for Change
<b>Scan Chain</b>	BOM change to populate pull-up resistors. Removing unused thermal sensor to avoid contention with scan chain.	When card/slot is disabled, any reads to scan chain may see thermal alert/warnings as asserted, which may appear as a critical alarm to server.
<b>WOL</b>	Update resistor value	Glitch on WoL signal during AC cycle can in rare cases cause system power-on
<b>AC Noise</b>	Update capacitor values on voltage and ground planes	Filtering improvements needed for noisy environments with specific chassis designs

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

The adapter specification will remain the same. No changes to adapter form, fit, function, and reliability. Quality will improve.

**Effective Date of Change:**

The BOM change will be implemented as a running change. Product shipments will begin after December 15, 2021.

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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.