

Product Advisory Notice

Issue Date: April 24, 2023

Advisory Type:

Heatsink optimization

Parts Affected:

The following table shows affected part numbers and current revision. The revision number will be incremented when the updated heatsink is added to the BOM.

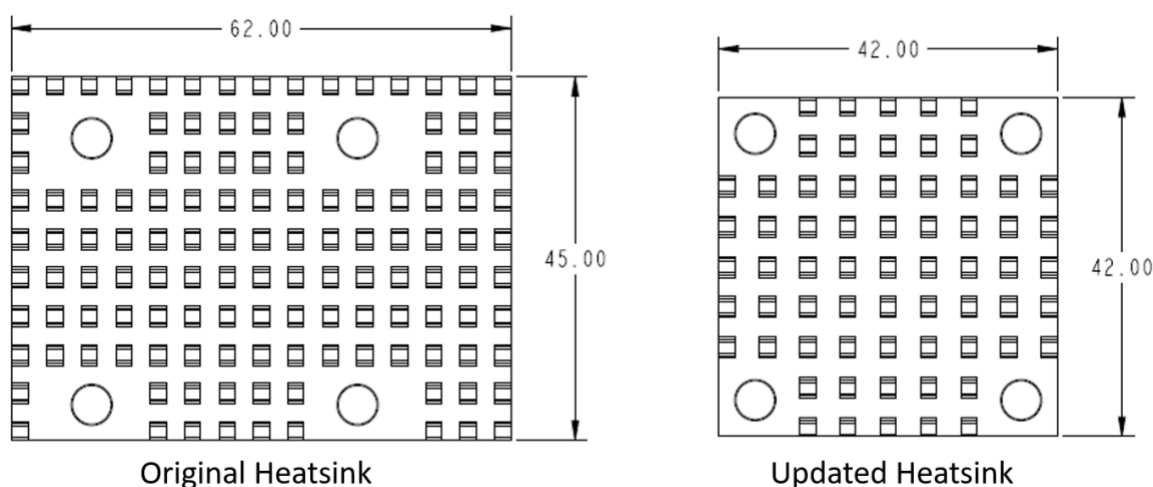
Adapter	Part Number	Packaging	Current Revision	Description
9560-16i	05-50077-00	Kit	008	9560-16i SINGLE KIT, 8GB, GA, 00
	03-50077-00	Bulk	007	9560-16i 8GB, GA, 00
9560-8i	05-50077-01	Kit	009	9560-8i SINGLE KIT, 4GB, GA, 00
	03-50077-01	Bulk	008	9560-8i 4GB, GA, 00
9500-16i	05-50134-00	Kit	003	9500-16i SINGLE KIT, NA NA A 00 F L
	03-50134-00	Bulk	002	9500-16i, NA NA M 00 F L
9500-8i	05-50134-01	Kit	002	9500-16i SINGLE KIT, NA NA A 00 F L
	03-50134-01	Bulk	001	9500-8i, NA NA M 00 F L
9540-16i	05-50134-02	Kit	002	9540-16i SINGLE KIT, NA NA A 00 F L
	03-50134-02	Bulk	001	9540-16i, NA NA M 00 F L
9540-8i	05-50134-03	Kit	002	9540-8i SINGLE KIT, NA NA A 00 F L
	03-50134-03	Bulk	001	9540-8i, NA NA M 00 F L

Description:

Broadcom is optimizing the heatsink on the 9560-16i/8i, 9500-16i/8i, and 9540-16i/8i adapters. These adapters all use the same heatsink. The current design has enough margin that the modification does not impact the documented airflow requirements.

Adapter	Original Heat Sink		Updated Heat Sink	
	LFM @ 55C	PCIe Thermal Level	LFM @ 55C	PCIe Thermal Level
9560-16i	200	Level 3	200	Level 3
9560-8i	200	Level 3	200	Level 3
9500-16i	150	Level 3	150	Level 3
9500-8i	150	Level 3	150	Level 3
9540-16i	150	Level 3	150	Level 3
9540-8i	150	Level 3	150	Level 3

The following figure shows the differences between the original and updated heatsink.



Effect of Change:

Documented airflow requirements do not change. The smaller heatsink results in a minimal average increase of about 4 degrees in temperature at the same airflow rate.

Effective Date of Change:

The generic channel SKUs will be updated after June 1, 2023.

The changes to these Broadcom parts have been reviewed and approved by Broadcom engineers and managers per Broadcom procedure: Change Control and Customer Notification A-5962-6052-80. Please contact your Broadcom Inc. field sales engineer or Contact Center (<http://www.broadcom.com/contact/>) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.