



# **Replace the R1608A Heatsink Thermal Pad Guide**

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## Prerequisites

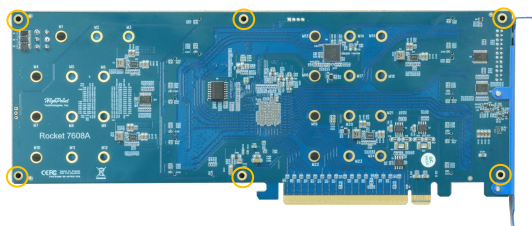
When you realize that the thermal pad has been damaged during the heatsink removal or you want to replace the thermal pad. Ensure the following tools are ready for smooth use during the replacement process.

- ESD wrist strap
- Screwdriver
- Plastic scraper
- New heatsink thermal pads (1x K=8 84mm\*90mm\*1mm Thermal PAD and 1x K=8 70mm\*90mm\*1mm Thermal PAD)

## Replace the heatsink thermal pad

Please follow the steps below to help you successfully replace the thermal pad.

1. Use a wired ESD wrist strap that is properly grounded.
2. Remove the six screws on the back of the R1608A that secure the heatsink to the PCB and lift the heatsink from the right side to remove it.



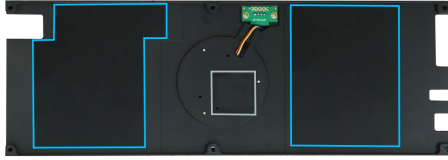
3. Remove the old thermal pads from the heatsink.
  - 1) Gently but firmly lift the edge of the left thermal pad and pull it away from the surface of the heatsink. Repeat for the remaining thermal pad.



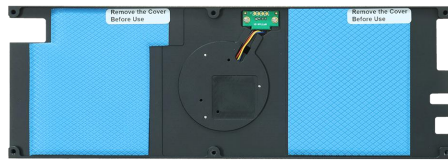
- 2) If there is any residual thermal pad, you can use a plastic scraper to remove it carefully.



4. Install the new thermal pads on the heatsink.
  - 1) Remove the blue film from one side of each thermal pad.
  - 2) The new thermal pad should be accurately aligned to the designated position of R1608A. Please refer to the following figure for the exact alignment position, clearly marked with a blue box.



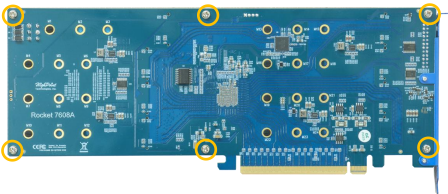
- 3) Apply even pressure to each pad to eliminate air and ensure a tight seal.



- 4) Remove the blue film from the other side of the thermal pad on the heatsink.



5. Install the heatsink to the R1608A PCB.
  - 1) Align the left side of the heatsink with the PCB and carefully lower the right side.
  - 2) Refasten the six screws that were removed in step 2.



# Customer Support

If you encounter any problems while utilizing the R1608A or have any questions about this or any other HighPoint Technologies, Inc. product, feel free to contact our Customer Support Department.

**Web Support:**

<https://www.highpoint-tech.com/websupport>

**HighPoint Technologies, Inc. websites:**

<https://www.highpoint-tech.com>