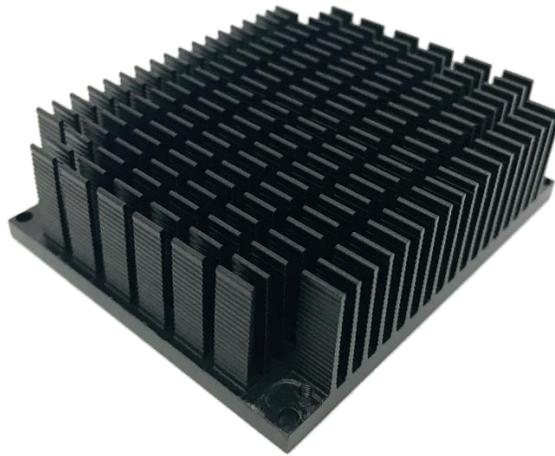


# Embedded Smart Radio Heat Sink

## HS-HJM



## Overview

The Doodle Labs HS-HJM Heat Sink is designed to provide additional heat regulation for the Doodle Labs 2H and 2J series of Smart Radios. The heat sink ensures that excess heat is quickly dissipated for optimal performance and prolonged longevity of the Smart Radio.

The heat sink can be mounted directly to the Smart Radio via the screw holes at the four corners using the screws and washers provided.

For Design In Documentation, including Integration and Configuration Guides, please visit Doodle Labs' [Technical Library](#).

## Technical Specifications

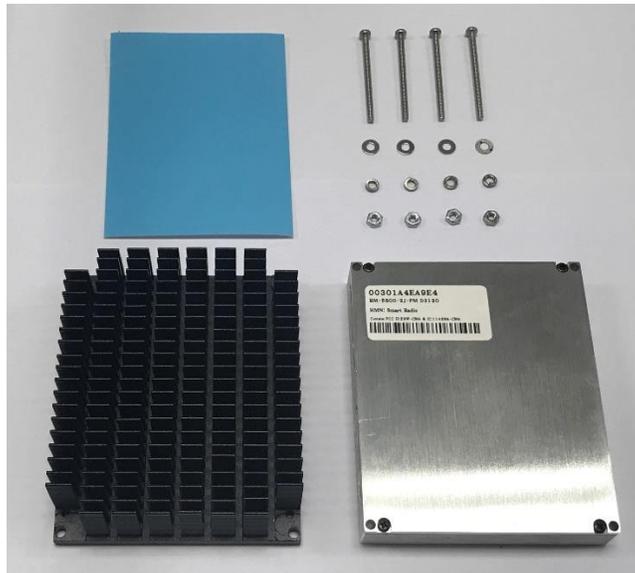
Dimensions: 68mm x 57mm x 20 mm

Weight: 74 g

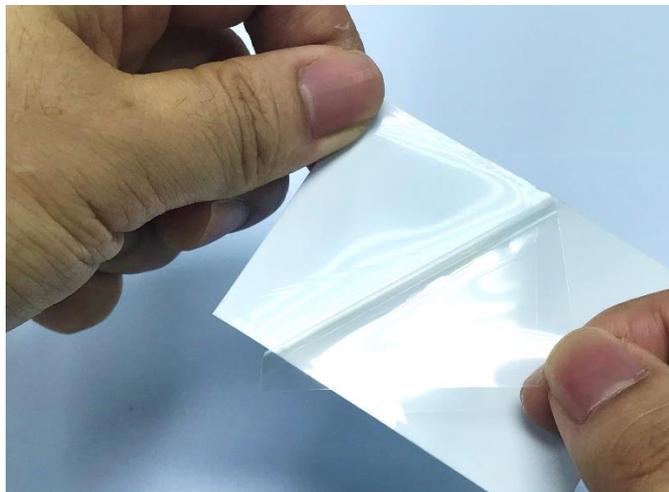
## Attaching the Heat Sink

Step 1: Check that the accessories provided for the installation are complete.

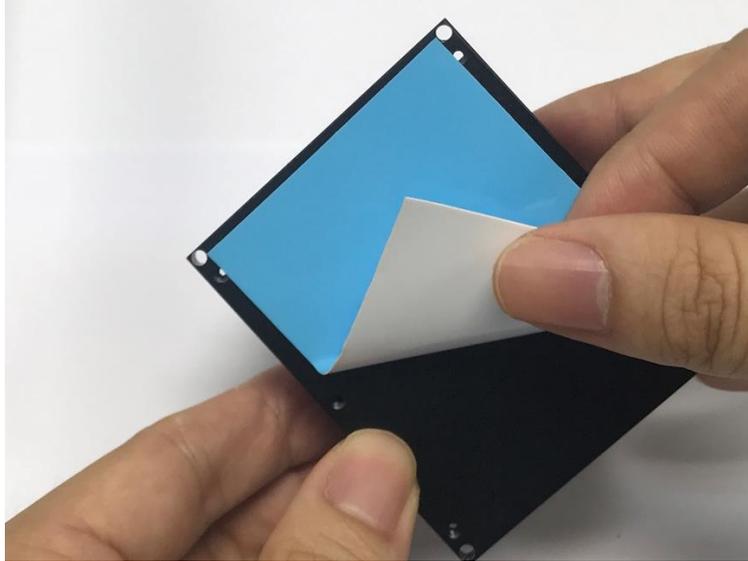
1. 1 x Smart Radio
2. 1 x thermal pad
3. 1 x Heat sink
4. 4 x M2 30mm screws
5. 4 x flat washers
6. 4 x spring washers



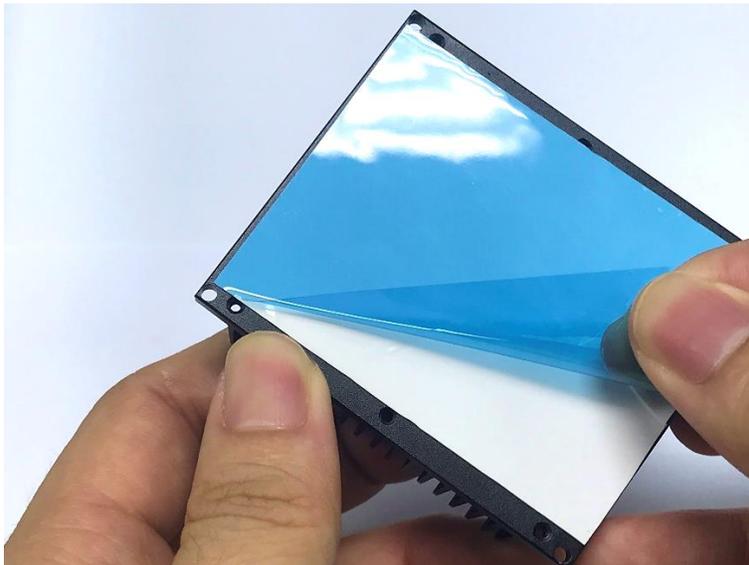
Step 2: Remove the transparent plastic film for the thermal pad.



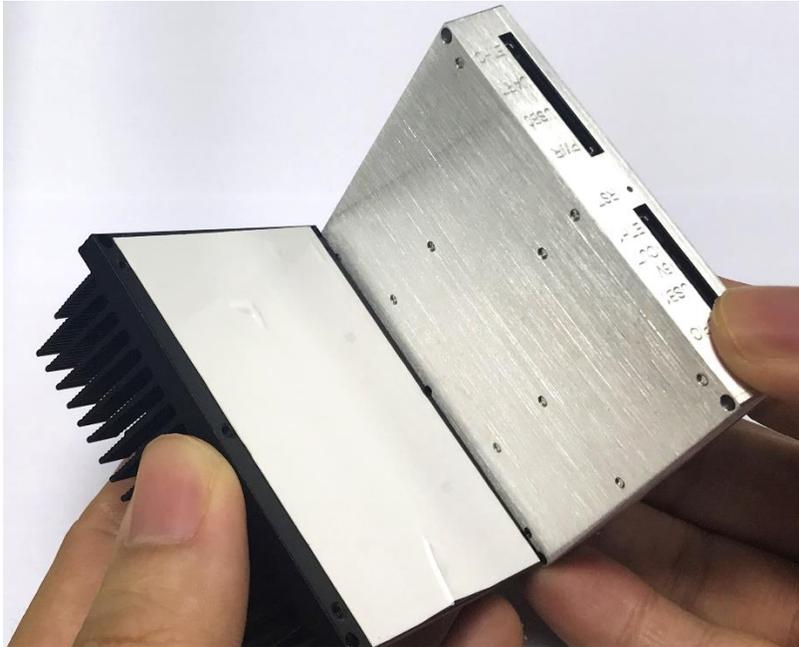
Step 3: Paste the thermal pad onto the underside of the Heat Sink.



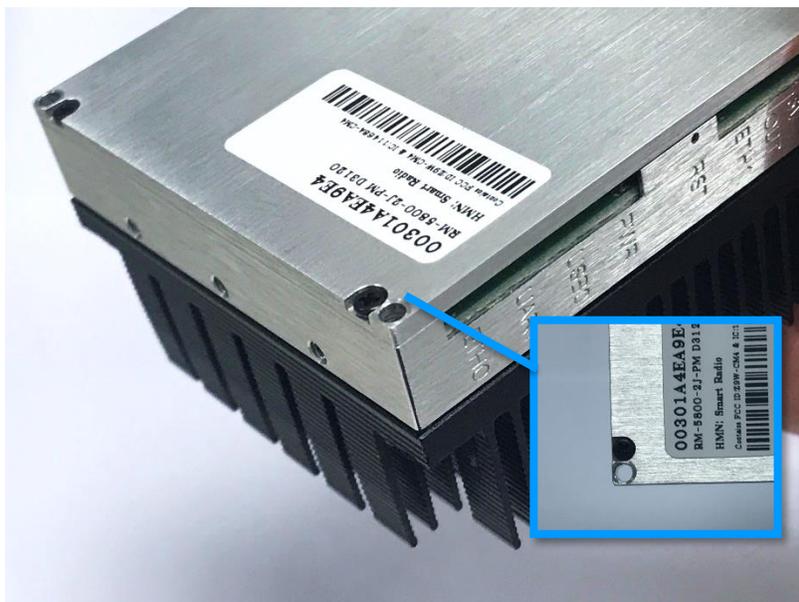
Step 4: Remove the blue film from the thermal pad.



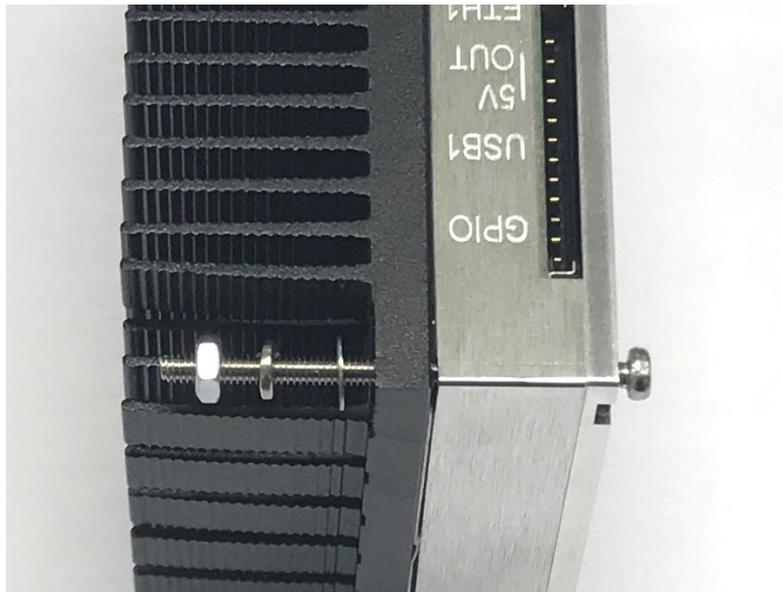
Step 5: Align the Heat Sink to the underside of the Smart Radio which has multiple perforations.



Step 6: Ensure that the four corners of the Heat Sink and Smart Radio are completely aligned.



Step 7: Insert the long screw, followed by the flat washer, spring washer and lastly the nut. Tighten for good a fit. Repeat this step for all four corners.



Step 8: Ensure that there no visible gap between the Heat Sink and Smart Radio.

