

**iW-RainboW-G34M-SM**  
**i.MX8M Mini Q/QL/D/DL/S/SL SODIMM SOM HEAT SPREADER**  
**ORDERING PART NUMBER: iW-HSPALU-CLASLR-SS06**

| RELEASE HISTORY |                 |              |       |
|-----------------|-----------------|--------------|-------|
| REL             | CHANGES         | DATE         | BY    |
| 1.0             | INITIAL RELEASE | 07 JUL. 2020 | IQBAL |

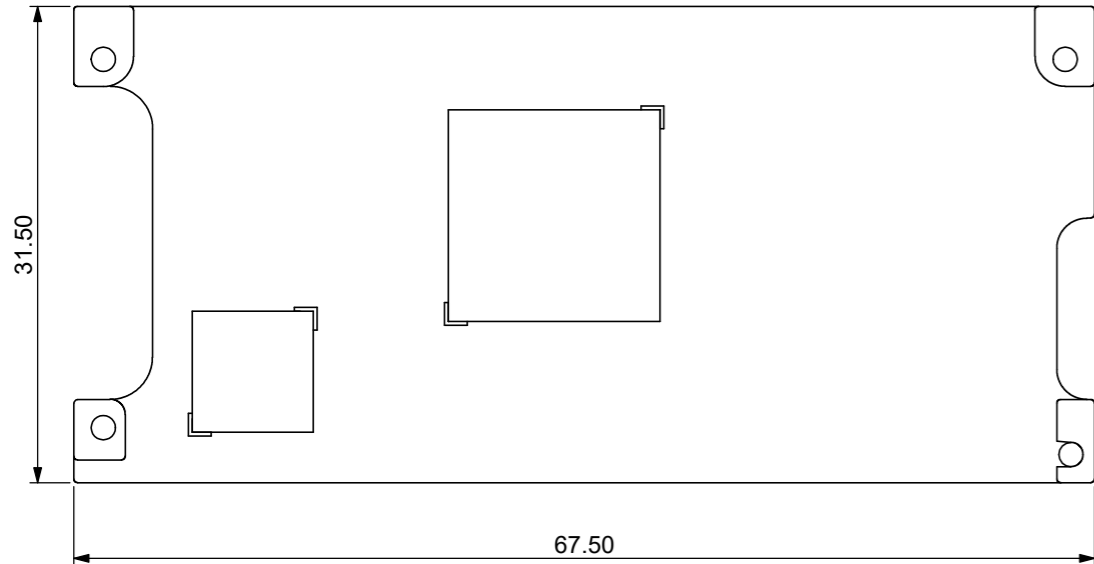


Fig 1.1

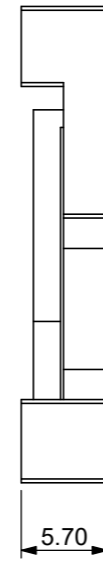


Fig 1.2



Fig 1.3

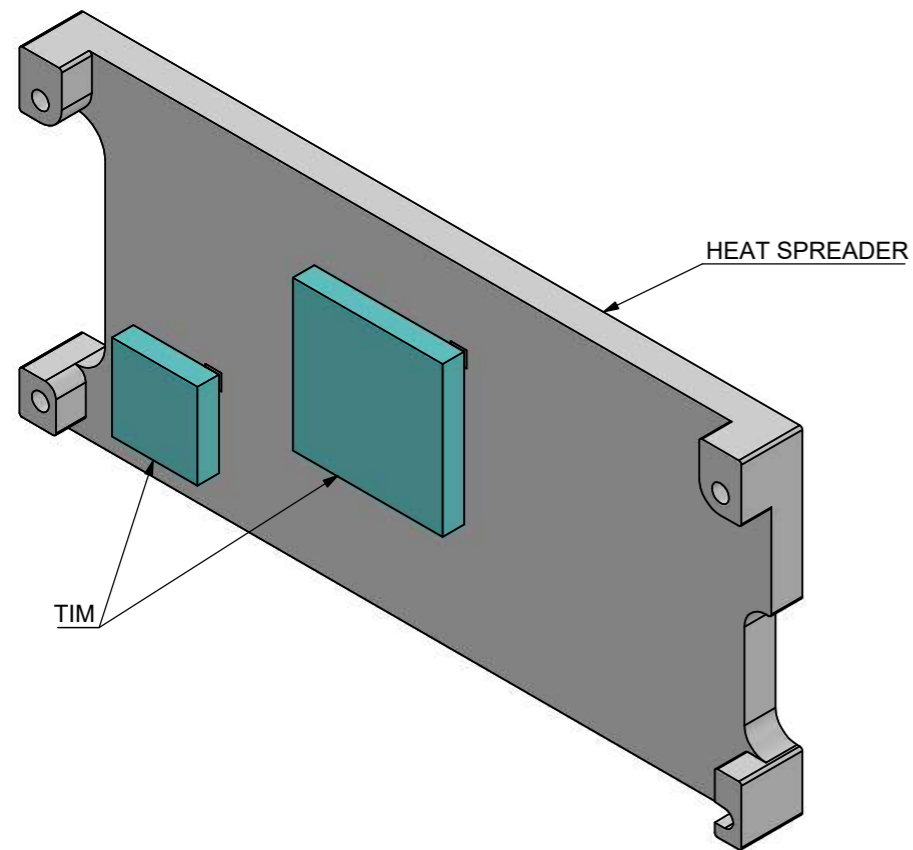


Fig 1.4

| TABLE1.1: TIM SPECIFICATIONS |                                 |
|------------------------------|---------------------------------|
| MATERIAL                     | SILICONE RUBBER (BASE MATERIAL) |
| THERMAL CONDUCTIVITY         | 6.2W/mK                         |
| FLAME RATING                 | UL 94 V-0                       |
| HARDNESS                     | 50 Shore 00                     |
| WORKING TEMP.                | -50~+150 °C                     |
| ROHS                         | YES                             |

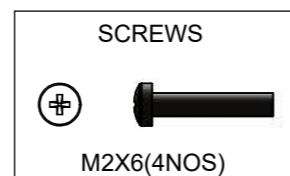


Fig 1.5

NOTES:  
 ALL DIMENSIONS ARE IN mm.  
 SCALE: 2:1

|                                                                         |           |
|-------------------------------------------------------------------------|-----------|
| DRAWN BY                                                                | IQBAL     |
| CHECKED BY                                                              | GANGADHAR |
| APPROVED BY                                                             | PRADAP    |
| THIS DRAWING SHEET IS PROPERITY OF IWAVE SYSTEMS TECHNOLOGIES Pvt. Ltd. |           |
| GENERAL TOLERANCES :                                                    |           |
| X: ± 0.25                                                               |           |
| .X: ± 0.1                                                               |           |
| .XX: ± 0.01                                                             |           |



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 7/B, 29th Main, BTM Layout, 2nd Stage,  
 Bangalore-560076, India.

DRAWING NO: **iW-HSPALU-CLASLR-SS06-DS**

MATERIAL : AL 6063-T5 ALLOY WEIGHT: 17 g

FINISH : CLEAR ANODIZED

TITLE: **G34M-SM-SODIMM SOM HEAT SPREADER DATA SHEET**

REV: 1.0 REL: 1.0

DATE : 07 JUL. 2020

SHEET 1 OF 1