

ORDERING PART NUMBER: iW-FSKALU-CLASLR-CU03

| RELEASE HISTORY |                 |              |       |
|-----------------|-----------------|--------------|-------|
| REL             | CHANGES         | DATE         | BY    |
| 1.0             | INITIAL RELEASE | 06 JUL. 2020 | IQBAL |

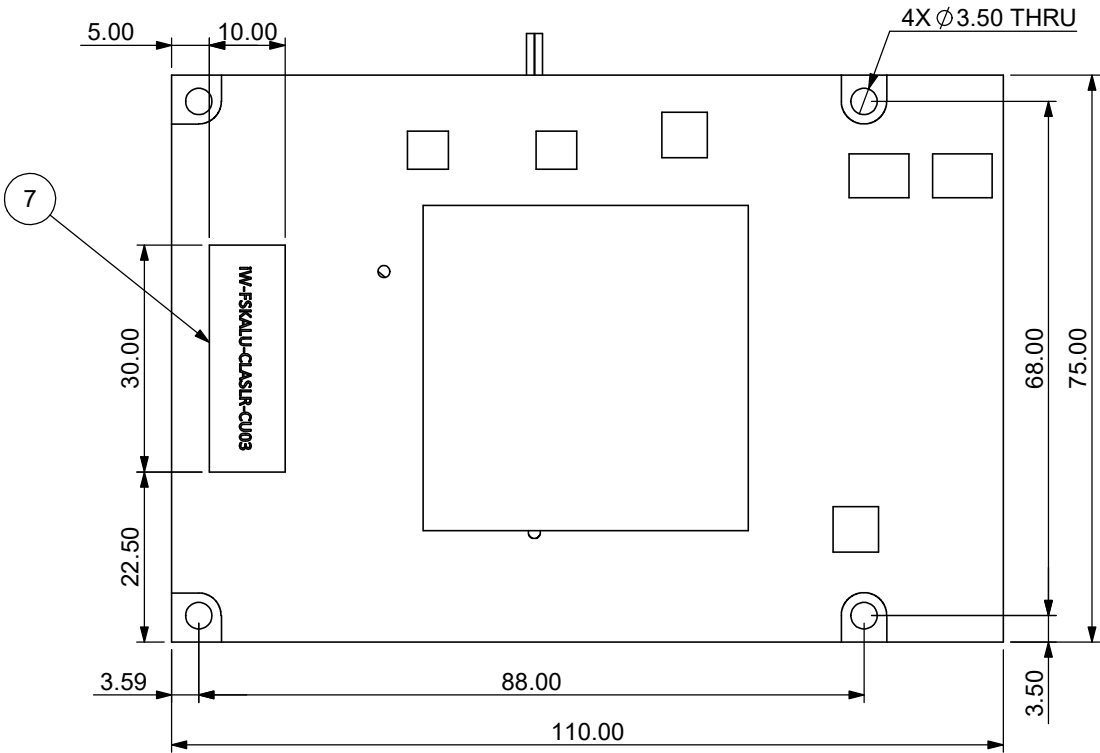


Fig 1.1

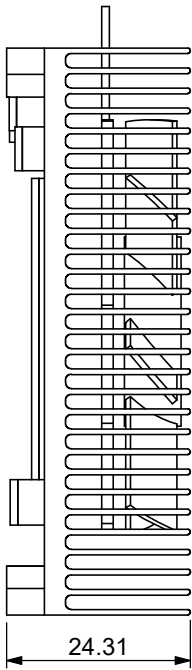


Fig 1.2

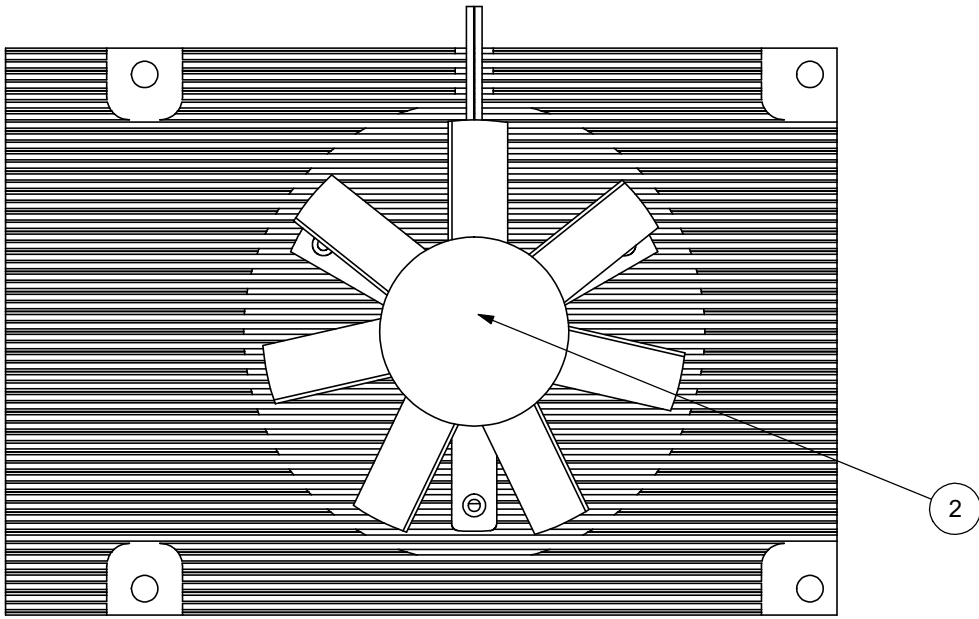


Fig 1.3

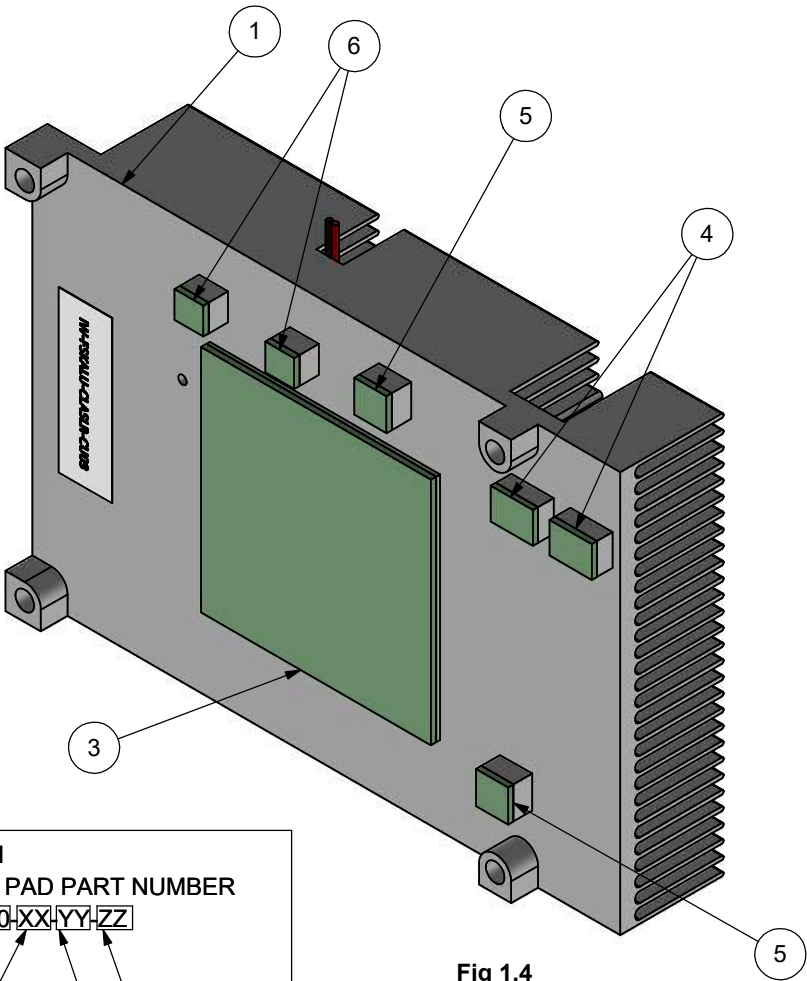


Fig 1.4

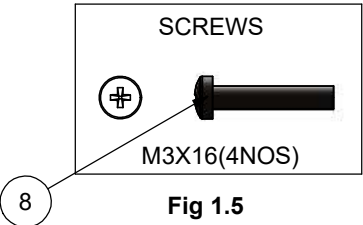
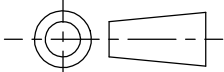


Fig 1.5

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

| ITEM NO. | PART NUMBER                      | DESCRIPTION                             | MATERIAL              | QTY. |
|----------|----------------------------------|-----------------------------------------|-----------------------|------|
| 1        | iW-PRGBZ-MP-01-R1.0-REL1.0-FSK01 | FAN SINK FOR FPGA/SoC SOM               | AL 6063-T5 ALLOY      | 1    |
| 2        | T056010BHZC0U3aR                 | 60mm FAN (COMES ASSEMBLED WITH FANSINK) | PBT(BLACK) PLASTIC    | 1    |
| 3        | TG-A1250-43-43-1                 | 1.0mm THICK THERMAL PAD                 | SILICONE RUBBER (SIR) | 1    |
| 4        | TG-A1250-8-6-1                   | 1.0mm THICK THERMAL PAD                 | SILICONE RUBBER (SIR) | 2    |
| 5        | TG-A1250-6-6-1                   | 1.0mm THICK THERMAL PAD                 | SILICONE RUBBER (SIR) | 2    |
| 6        | TG-A1250-5.4-5-1                 | 1.0mm THICK THERMAL PAD                 | SILICONE RUBBER (SIR) | 2    |
| 7        | LABEL-30X10                      | LABEL FOR PRODUCTION LOT PART NUMBER    | STICKER               | 1    |
| 8        | M3X16 PAN PHILLIPS DIN 7985      | SCREW                                   | SS 304                | 4    |

TABLE 1.1:BOM

|                                                                                                  |           |                                                                                                                                                                                                                                |               |              |          |
|--------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|----------|
| DRAWN BY                                                                                         | IQBAL     | <div></div> <div>iWave System Technologies Private Limited,<br/>7/B, 29th Main, BTM Layout, 2nd Stage,<br/>Bangalore-560076, India.</div> |               |              |          |
| CHECKED BY                                                                                       | GANGADHAR |                                                                                                                                                                                                                                |               |              |          |
| APPROVED BY                                                                                      | PRADAP    |                                                                                                                                                                                                                                |               |              |          |
|                                                                                                  |           | DRAWING NO: <b>iW-PRGBZ-MA-01-R1.0-REL1.0-ASY01-FSK-CU03</b>                                                                                                                                                                   |               |              |          |
| THIS DRAWING SHEET IS PROPERITY OF<br>iWAVE SYSTEMS TECHNOLOGIES Pvt. Ltd.                       |           | MATERIAL : AL 6063-T5 ALLOY                                                                                                                                                                                                    | WEIGHT: 172 g |              |          |
|                                                                                                  |           | FINISH : CLEAR ANODIZING ACC. MIL-A-8625, TYPE II, CLASS 1, 0.8mil (20μ)                                                                                                                                                       |               |              |          |
| GENARALTOLERANCES :<br><div>X: ± 0.25<br/>.X: ± 0.1<br/>.XX: ± 0.01</div>                        |           | TITLE: <b>G35M-FPGA SOM FAN SINK<br/>ASSEMBLY DRAWING</b>                                                                                                                                                                      |               | REV: 1.0     | REL: 1.0 |
| <div></div> |           | DATE : 06 JUL. 2020                                                                                                                                                                                                            |               | SHEET 1 OF 1 |          |

**NOTE 1.1**  
THERMAL PAD PART NUMBER  
TG-A1250-XX-YY-ZZ  
SERIES / LENGTH / WIDTH / THICKNESS