

iW-RainboW-G24M
Intel Arria 10 SoC SOM FAN SINK
ORDERING PART NUMBER: iW-FSKALU-CLASLR-CU01

RELEASE HISTORY			
REL	CHANGES	DATE	BY
1.0	INITIAL RELEASE	21 JUL. 2020	IQBAL

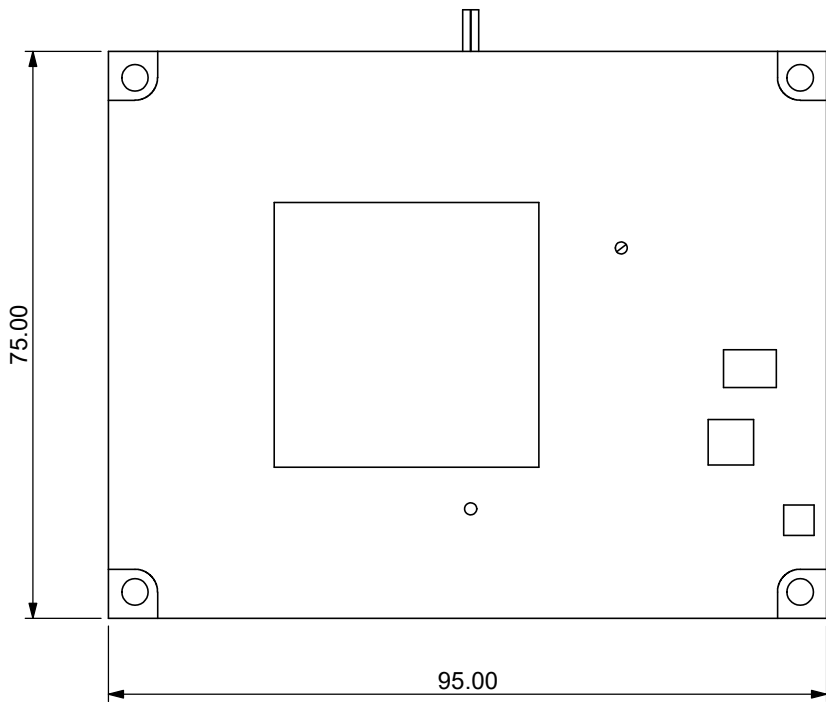


Fig 1.1

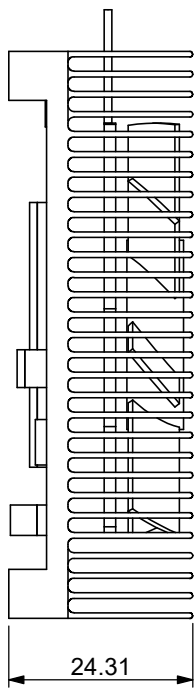


Fig 1.2

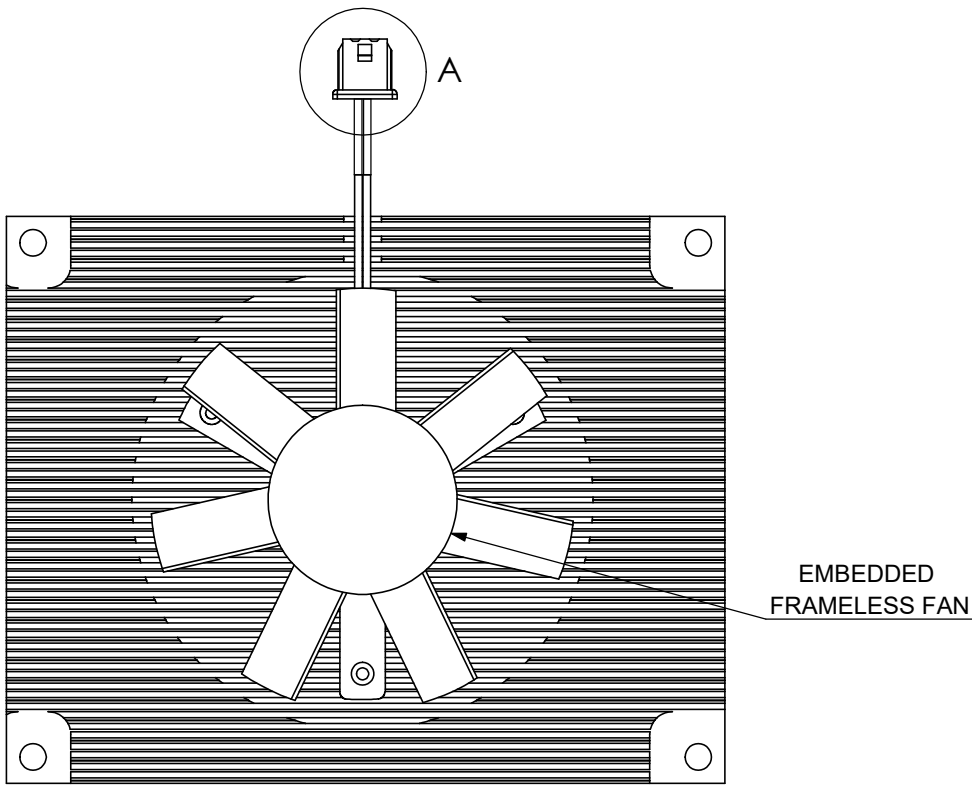


Fig 1.3

DETAIL A
SCALE 4 : 1

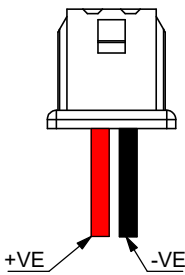


Fig 1.6

TABLE 1.1: FAN SPECIFICATIONS	
PART NO.	T056010BHZC0U3aR
DIMENSIONS	60X60X10.5mm
AIR FLOW	18.14CFM 0.51m3/min
STATIC PRESSURE	3.00mmH2O
RATED VOLTAGE	5V
LIFE EXPECTANCY	50,000hours at 40°C (WITH 15~65% RH)
ROHS	YES
CONNECTOR PART NO.	510210200
CABLE LENGTH	150mm

TABLE1.2: TIM SPECIFICATIONS	
MATERIAL	SILICONE RUBBER BASED THERMAL PAD
THERMAL CONDUCTIVITY	12.5W/mK
FLAME RATING	V-0 AS PER UL 94
HARDNESS	50 Shore 00
WORKING TEMP.	-50~+150 °C
ROHS	YES

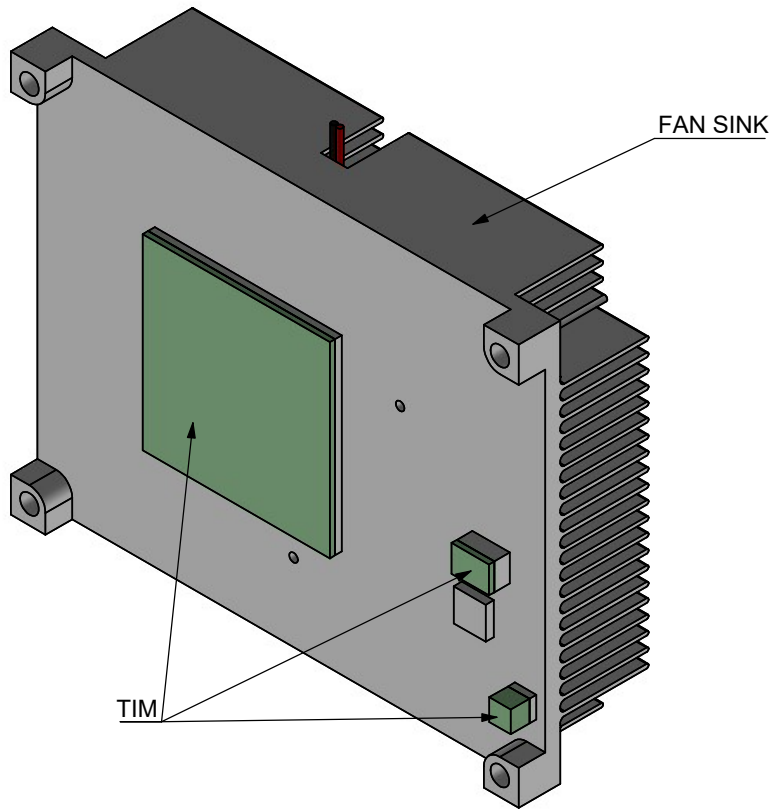


Fig 1.4

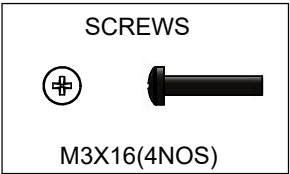


Fig 1.5

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

DRAWN BY	IQBAL	 iWave Embedding Intelligence		iWave System Technologies Private Limited, 7/B, 29th Main, BTM Layout, 2nd Stage, Bangalore-560076, India.	
CHECKED BY	GANGADHAR				
APPROVED BY	PRADAP	DRAWING NO: iW-FSKALU-CLASLR-CU01-DS		MATERIAL : AL 6063-T5 ALLOY	
THIS DRAWING SHEET IS PROPERITY OF iWAVE SYSTEMS TECHNOLOGIES Pvt. Ltd.		WEIGHT: 140 g		FINISH : CLEAR ANODIZED	
		DATE : 21 JUL. 2020		TITLE: G24M-FPGA SOM FAN SINK DATA SHEET	
GENARALTOLERANCES : X: ± 0.25 .X: ± 0.1 .XX: ± 0.01		REV: 3.0		REL: 1.0	
		SHEET 1 OF 1			