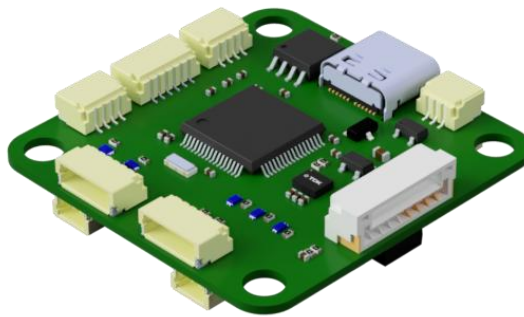


NarinFC_H3

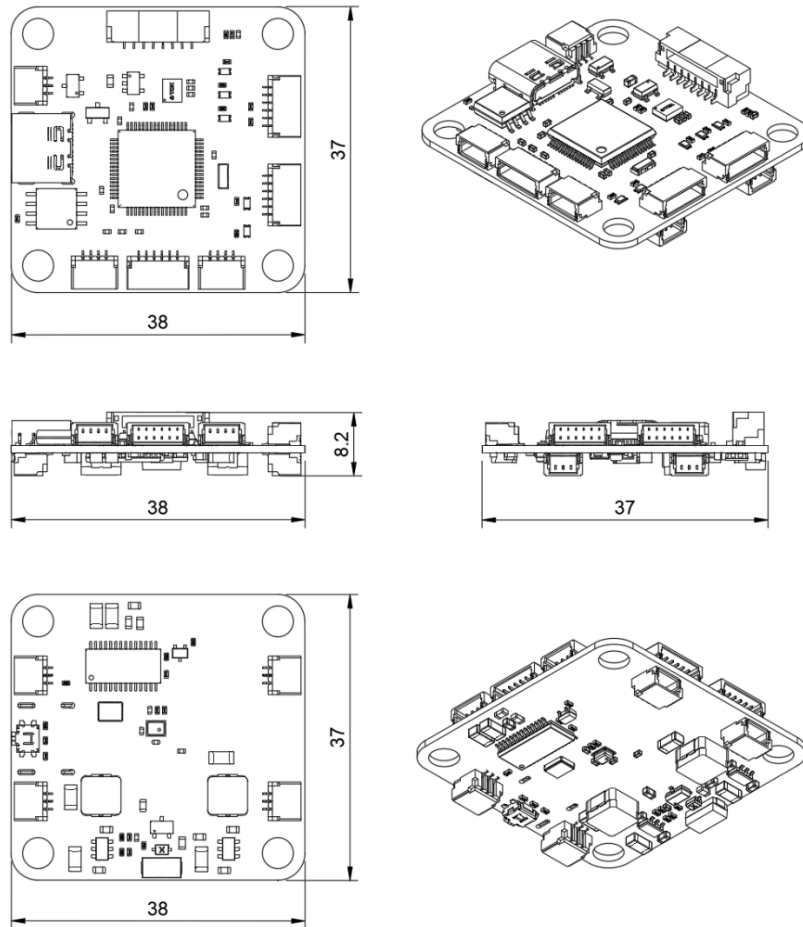


1. Basic Parameters

Main FMU Processor	• STM32F405
On-board sensors	• Accelerometer/Gyroscope: ICM-42688-P • Barometer: BMP280
Interfaces	• 4 PWM Output • 6 x UART • Flash memory 128MB, (MT25QL128ABA)
Power System	• Power 3~6S • Output Power - 5VDC / 3A - 12VDC / 3A
Size	• 38mm x 38mm (Mount hole 30.5mm x 30.5mm)
Weight	• 8g
Support F/W	• BetaFlight

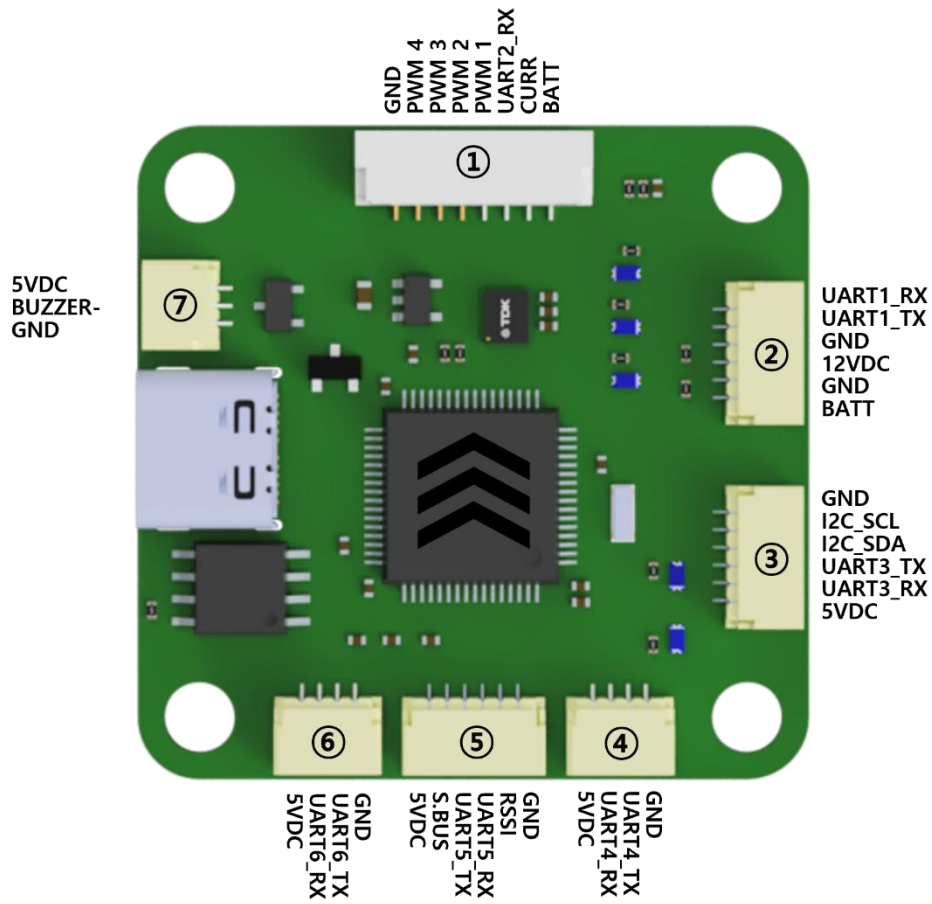
[表1. Parameter]

2. Outline Dimensions

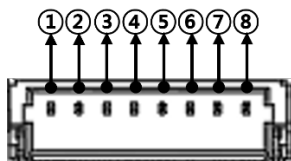


[그림 1. Outline Dimensions]

3. Port Diagram & Pin outs [TOP]

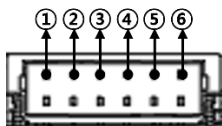


① PWM Port



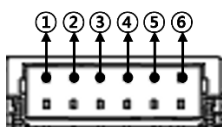
①	BATT IN
②	CURR
③	TEL (UART2_RX)
④	PWM 1
⑤	PWM 2
⑥	PWM 3
⑦	PWM 4
⑧	GND

② 12VDC, UART1 Port



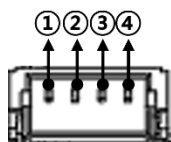
①	BATT
②	GND
③	12VDC
④	GND
⑤	UART1_TX
⑥	UART1_RX

③ UART3, I2C Port



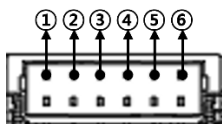
①	5VDC
②	UART3_RX
③	UART3_TX
④	I2C_SDA
⑤	I2C_SCL
⑥	GND

④ UART4 Port



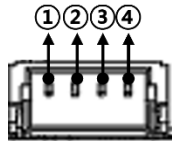
①	5VDC
②	UART4_RX
③	UART4_TX
④	GND

⑤ UART5 Port



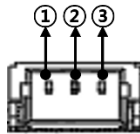
①	5VDC
②	S.BUS
③	UART5_TX
④	UART5_RX
⑤	RSSI
⑥	GND

⑥ UART6 Port



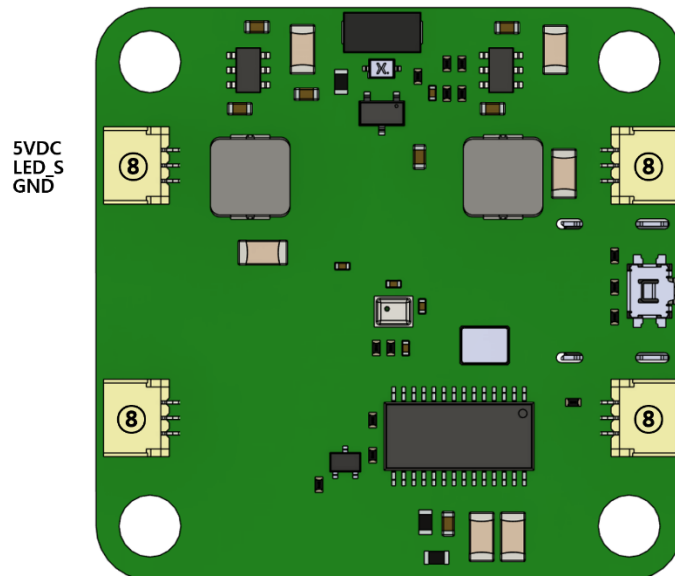
①	5VDC
②	UART6_RX
③	UART6_TX
④	GND

⑦ Buzzer Port

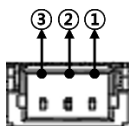


①	5VDC
②	Buzzer -
③	GND

4. Port Diagram & Pin outs [BOT]



⑧ LED Port



①	5VDC
②	LED S
③	GND