



Power Supply

Input: 14-60V DC
Outputs:
12V - 3A
5V - 2A
3V3 - 800mA

BLDC Driver

Moseft Gate Drivers
3 Phase H-Bridge

MCU

STM32F405RGT6
Interfaces:
UART
I²C
Controls:
BLDC PWM
Voltage & Current Measurment

Temperature Measurement

BLDC Driver Temp
Over Temperature Detection
Fan Control

Inputs & Outputs

UART Interface
I²C Interface
Status LEDs
Input Connectors

LED Driver

Headlight/Backlight
Breaklight
Blinker











