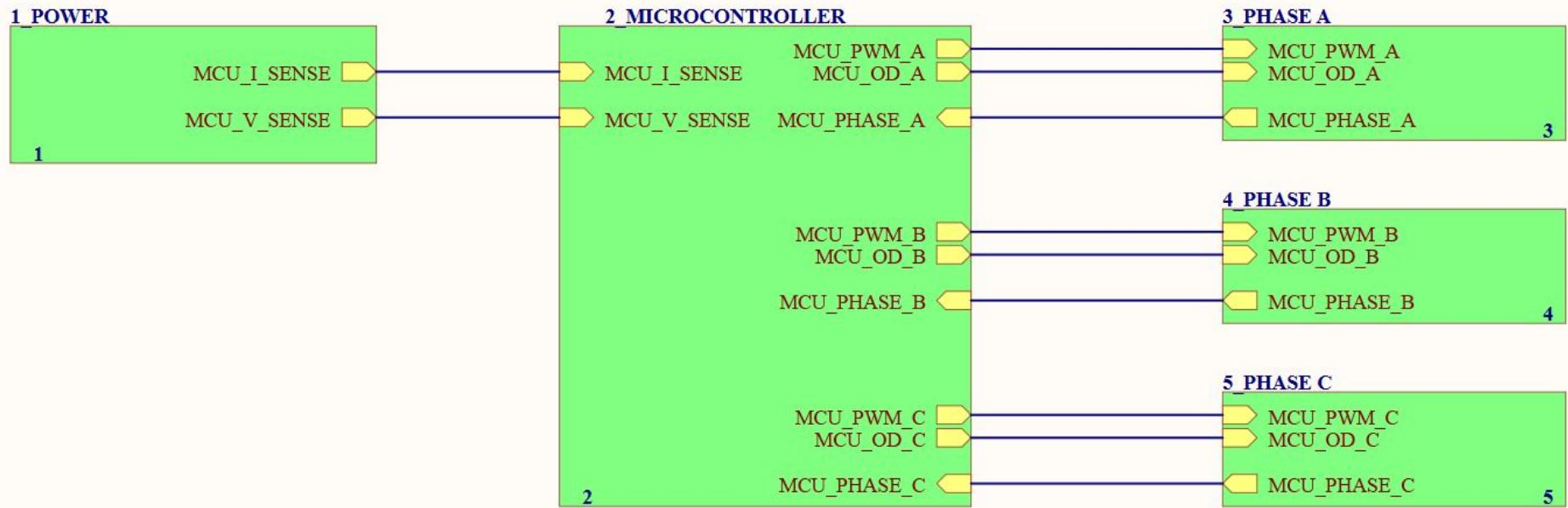


Quadcopter Electronic Speed Controller PCB Design

HW Design



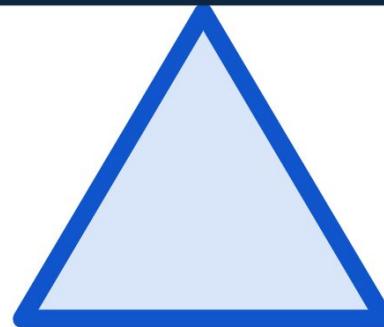
PCB Requirements

SMALL AND LIGHT

ENERGY EFFICIENCY

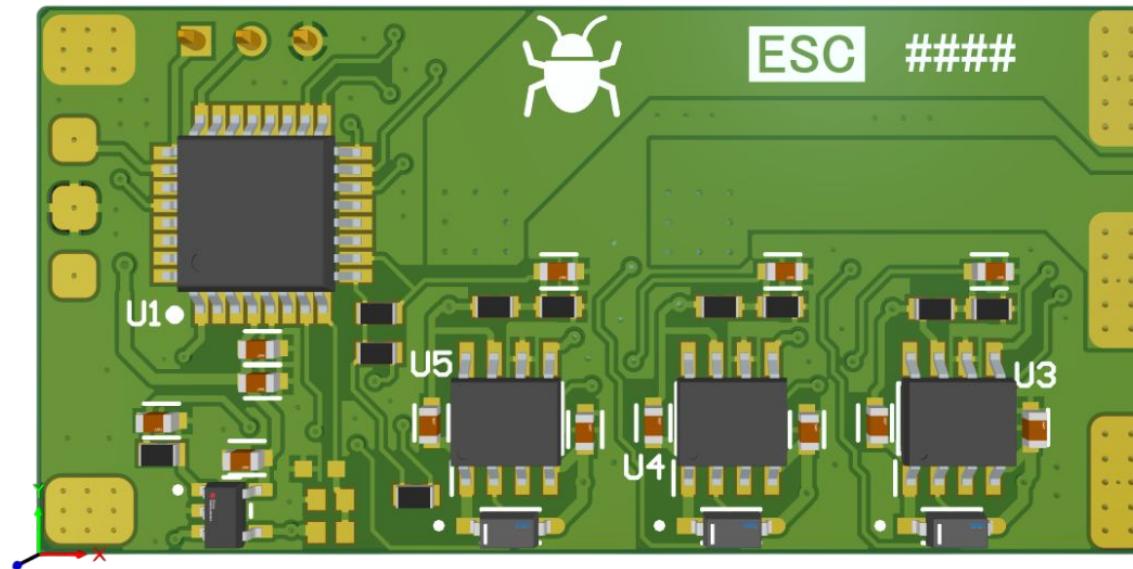
HANDLING HIGH CURRENTS

PERFORMANCE



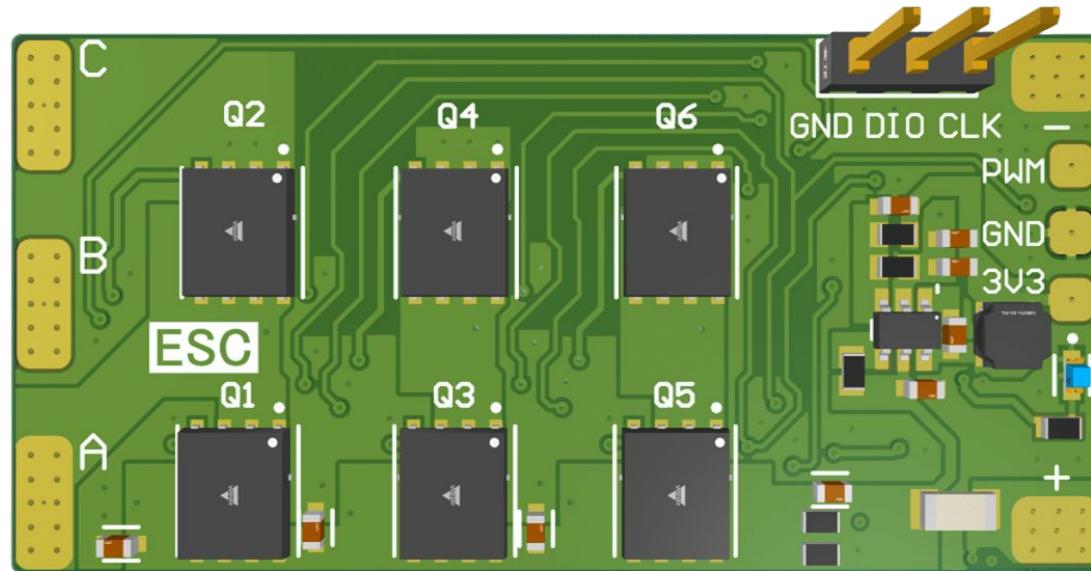
PCB Topology & Layout

TOP VIEW



PCB Topology & Layout

BOTTOM VIEW



XY: 50.8mm

GND

PWM_IN

GND

+3V3

VBAT

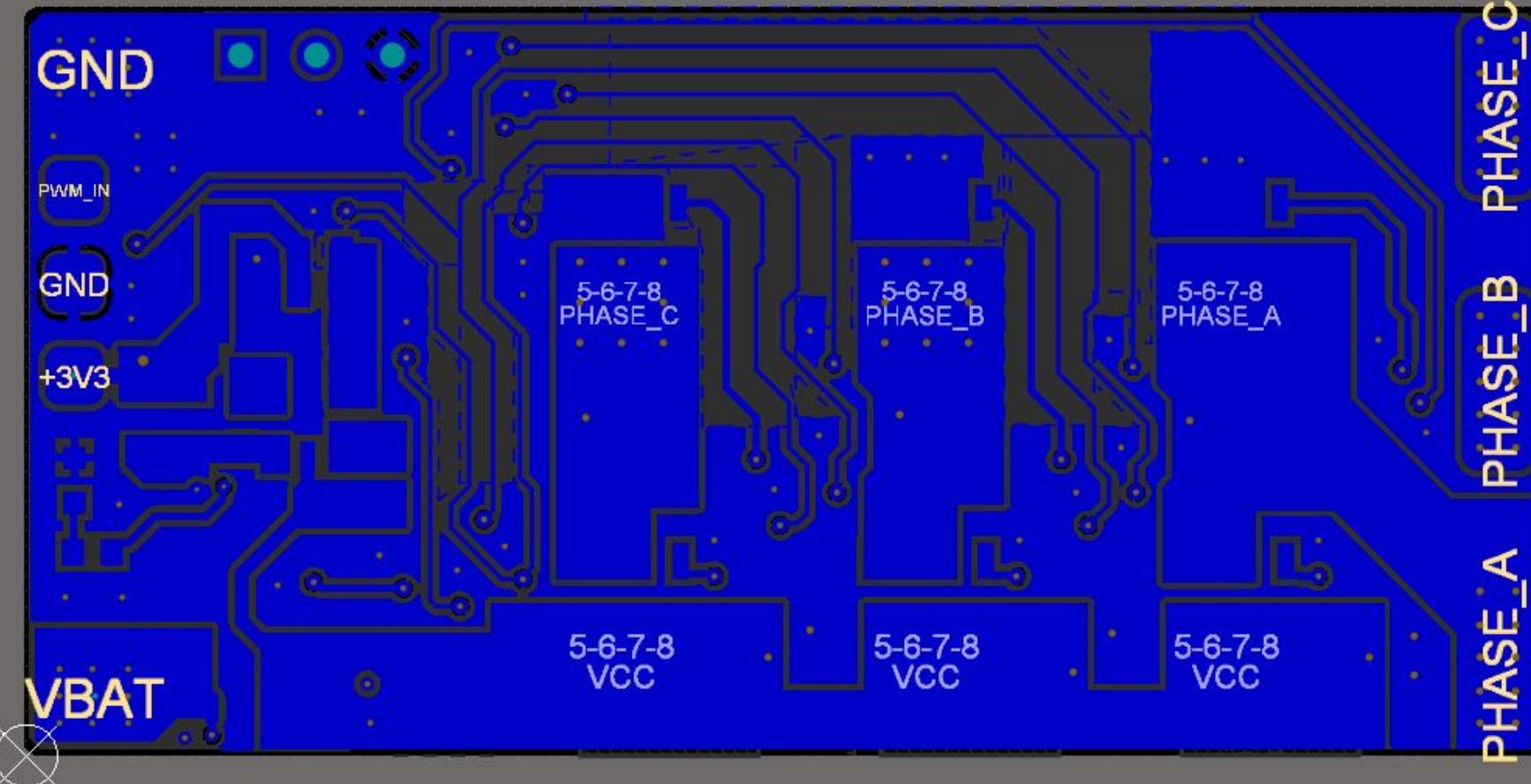
PHASE_C

PHASE_B

PHASE_A



Y: 25mm



GND

PWM_IN

GND

+3V3

VBAT



PHASE_A

PHASE_B

PHASE_C

GND

PWM_IN

GND

+3V3

VBAT

GND

PHASE_C

PHASE_B

PHASE_A

PHASE_A

PHASE_C