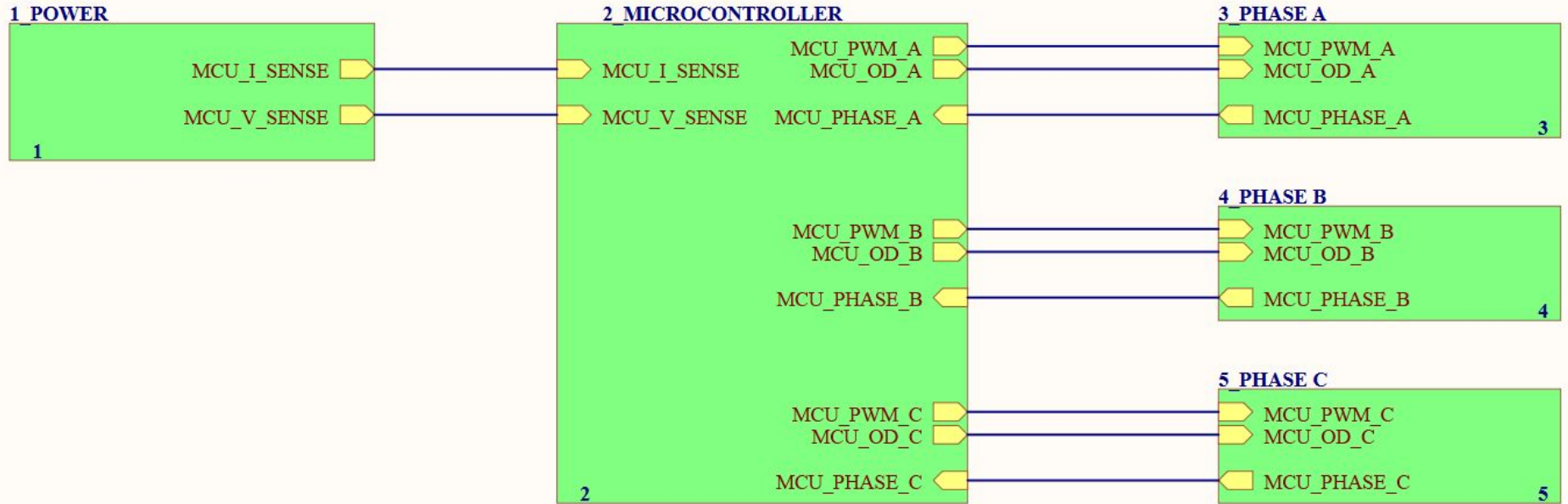


Quadcopter Electronic Speed Controller PCB Design

HW Design



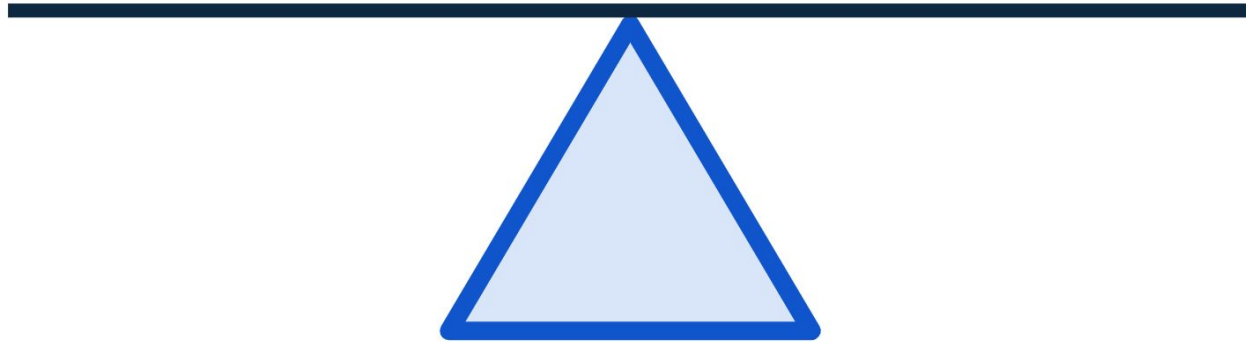
PCB Requirements

SMALL AND LIGHT

HANDLING HIGH CURRENTS

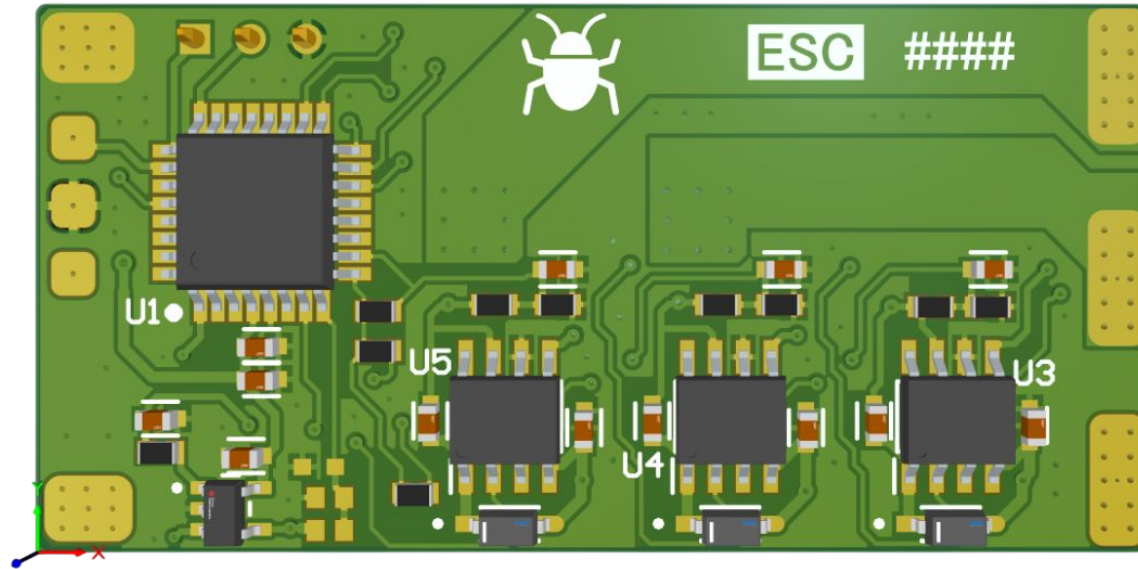
ENERGY EFFICIENCY

PERFORMANCE



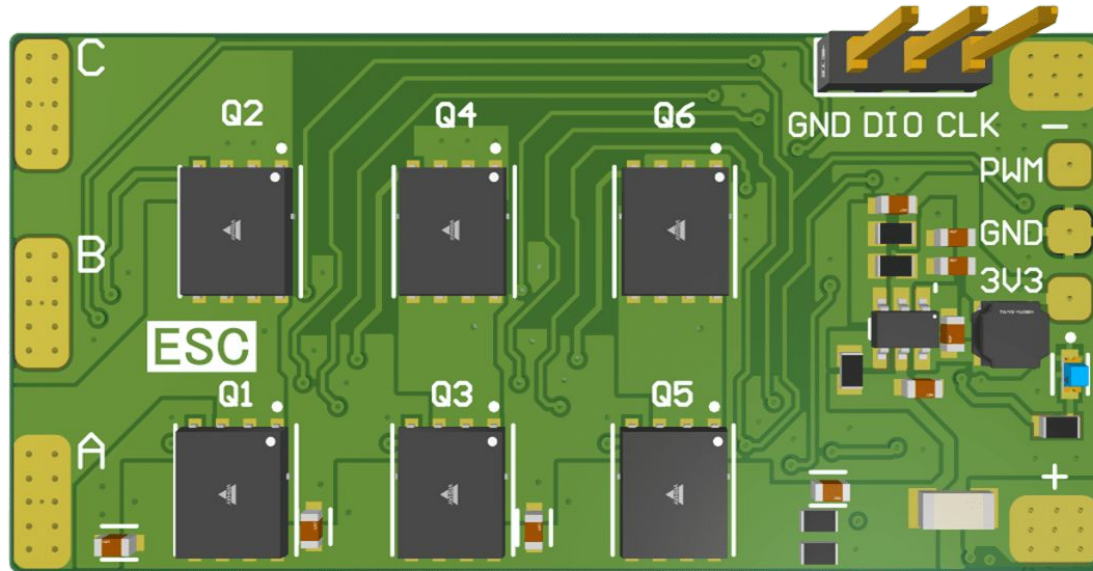
PCB Topology & Layout

TOP VIEW



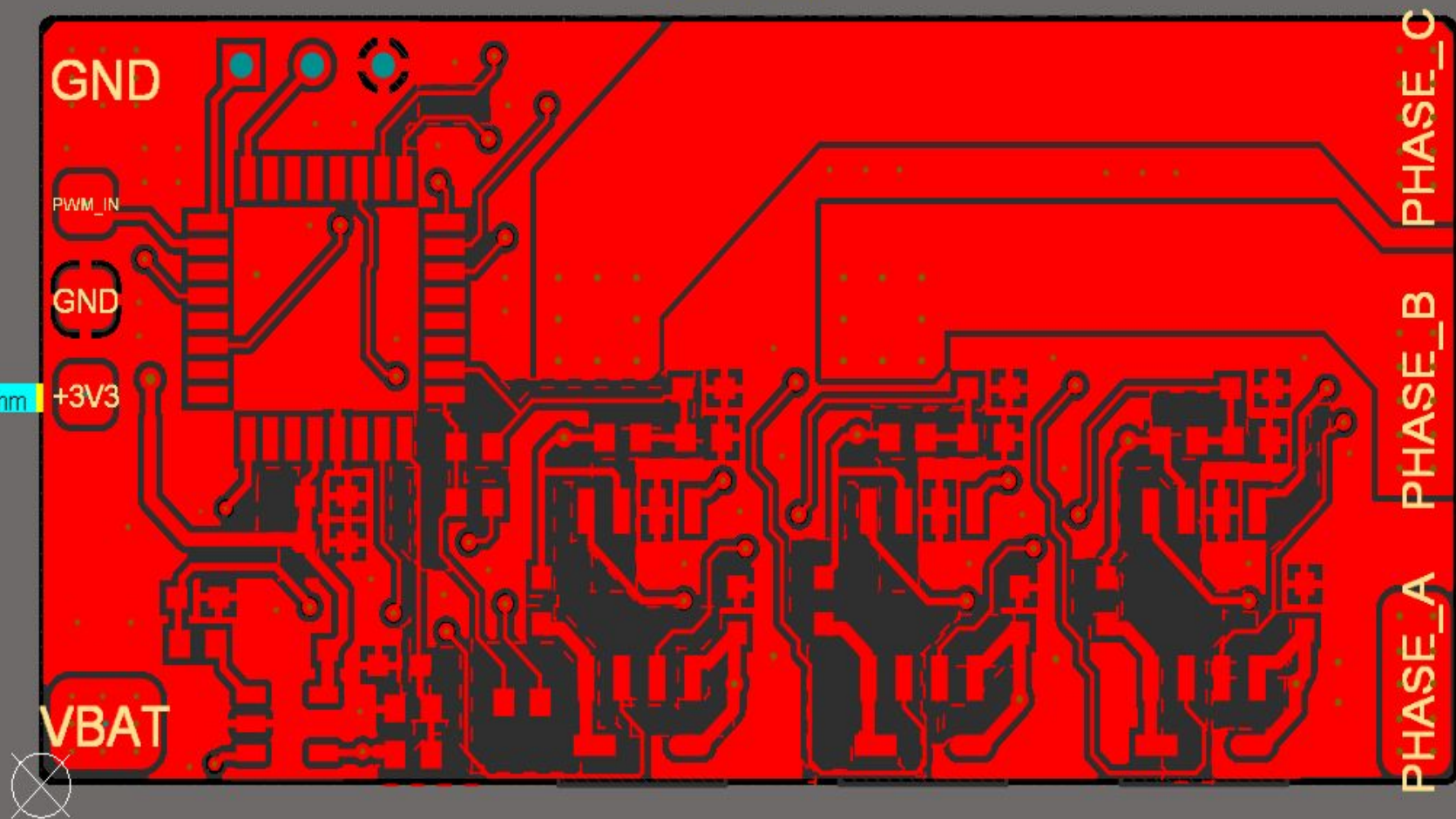
PCB Topology & Layout

BOTTOM VIEW



XY: 50.8mm

Y: 25mm



GND

PWM_IN

GND

+3V3

VBAT

5-6-7-8
PHASE_C

5-6-7-8
PHASE_B

5-6-7-8
PHASE_A

5-6-7-8
VCC

5-6-7-8
VCC

5-6-7-8
VCC

PHASE_C
PHASE_B
PHASE_A



VBAT

+3V3

GND

PWM_IN

GND

PHASE_A

PHASE_B

PHASE_C

GND

PWM_IN

GND

+3V3

VBAT

PHASE_A

PHASE_B

PHASE_C