

Anawach A.

Sheet: /
File: Mini_drone_PCB.kicad_sch

Title: Main page

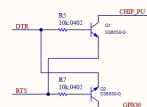
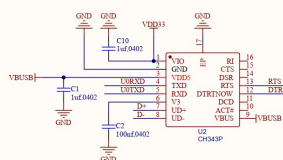
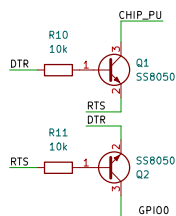
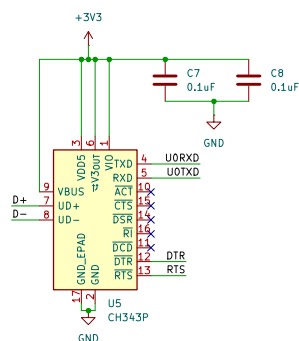
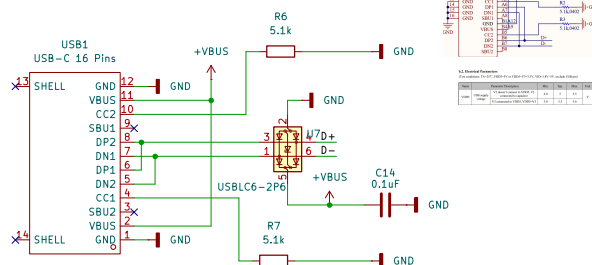
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KiCad E.D.A. 9.0.3

Date:

Rev:

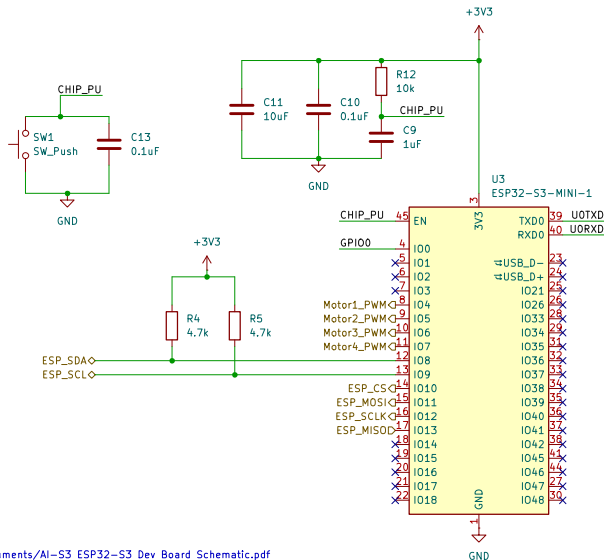
Id: 1/5

USB-C Serial to TTL



Ref:documents/Al-S3 ESP32-S3 Dev Board Schematic.pdf

MCU



Ref:documents/Al-S3 ESP32-S3 Dev Board Schematic.pdf

Anawach A.

Sheet: /MCU/
File: MCU.kicad_sch

Title: Microcontroller Interface

Size: A4

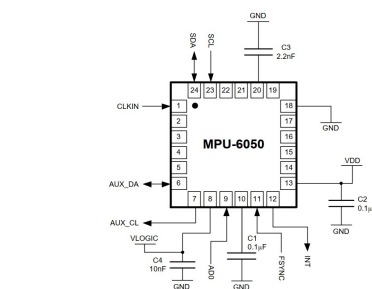
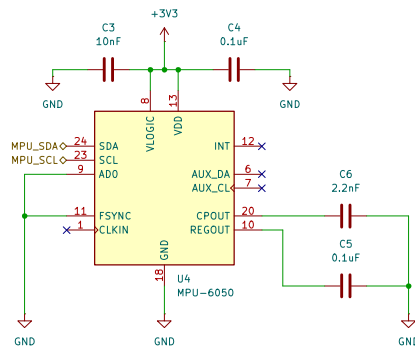
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Size: A4
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Rev:
Id: 2/5

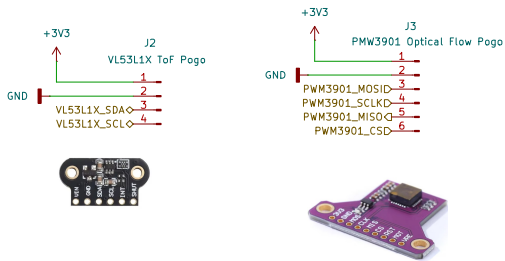
MPU-6050



11	Y	Y	FSYNC	Frame synchronization digital input. Connect to GND if unused.
12	Y	Y	INT	Interrupt digital output (totem pole or open-drain)

<https://invensense.tdk.com/wp-content/uploads/2015/02/MPU-6000-Datasheet1.pdf>

Sensors Module



Anawach A.

Sheet: /sensor/
File: sensor.kicad_sch

Title: Sensor Interface

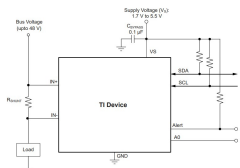
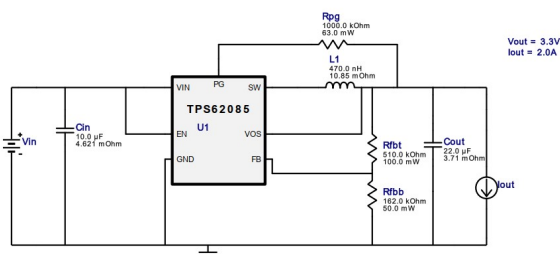
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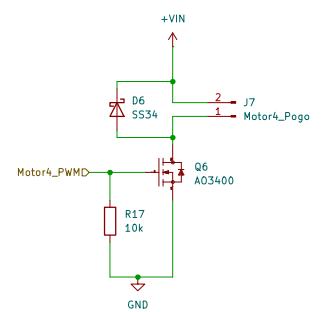
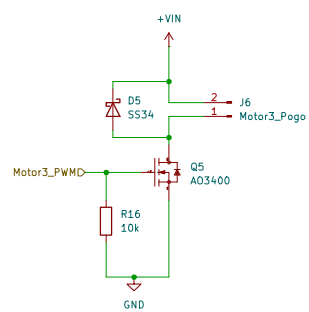
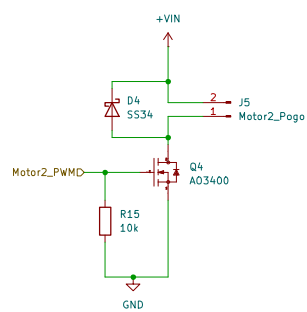
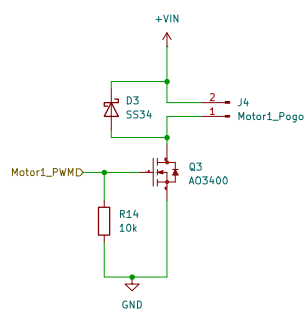
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Id: 3/5



Id: 4/5

Ref:<https://item.szlcsc.com/datasheet/INA236AIDDFR/6333219.html>



Anawach A.

Sheet: /Motor Driver/
File: Motor Driver.kicad_sch

Title: Motor Driver Interface

Size: A4	Date:
KiCad E.D.A. 9.0.3	

Rev:
Id: 5/5