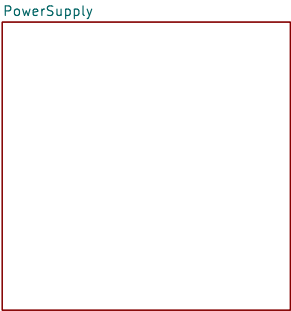


Gravitum Flight Control Unit



File: PowerSupply.kicad_sch

Breno Soares Alves

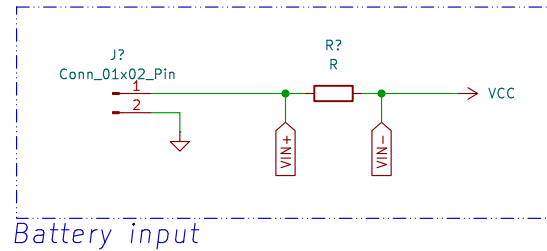
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Title: SMT32 Serial Protocols Test

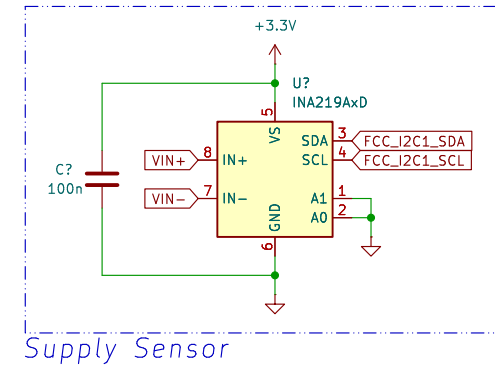
Size: A4	Date: 2025-09-10	Rev: 0.1
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KiCad E.D.A. 9.0.4	Id: 1/2
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Power Supply



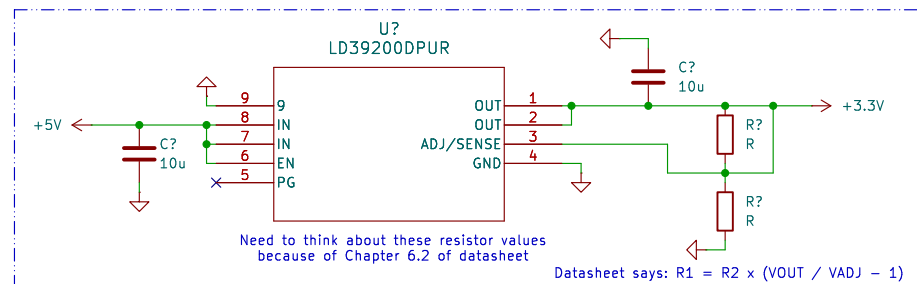
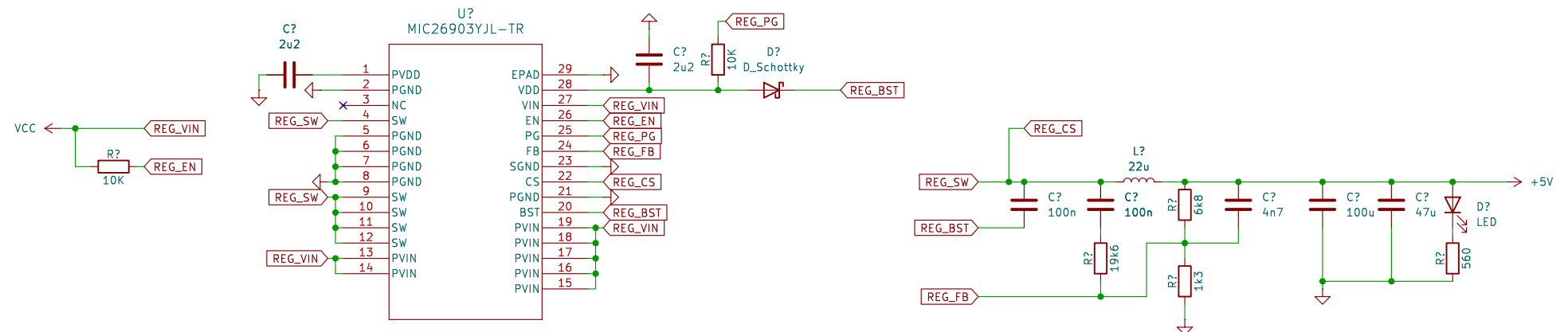
Battery input



Supply Sensor

5V Buck Regulator

Read about PCB Guidelines in MIC26903 datasheet(page 24)



Need to think about these resistor values because of Chapter 6.2 of datasheet

Datasheet says: $R1 = R2 \times (VOUT / VADJ - 1)$

3.3V Linear Regulator

Sheet: /PowerSupply/
File: PowerSupply.kicad_sch

Title:

Size: A4 Date:

KiCad E.D.A. 9.0.4

Rev:

Id: 2/2