

Aalto

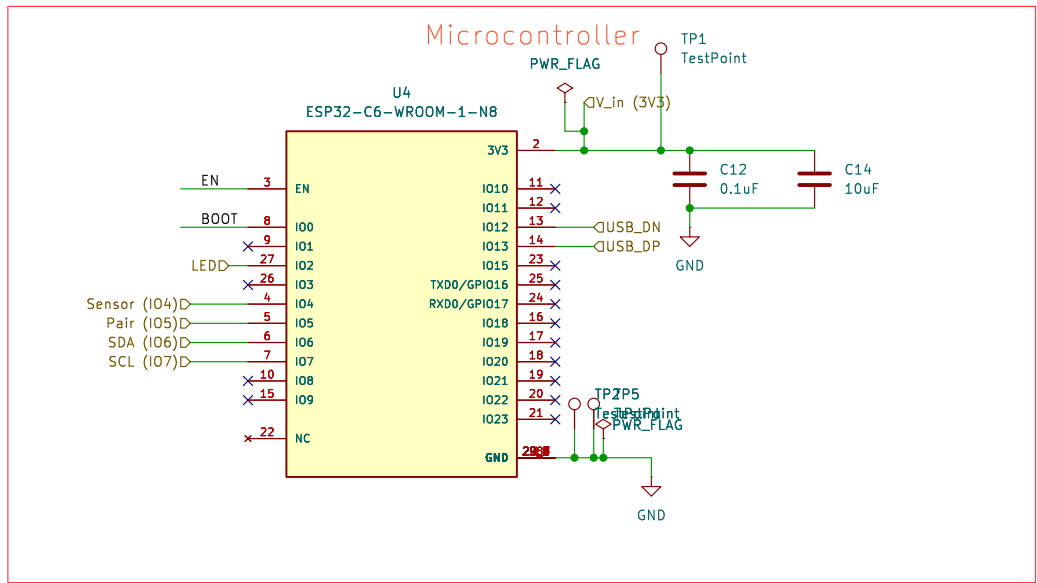
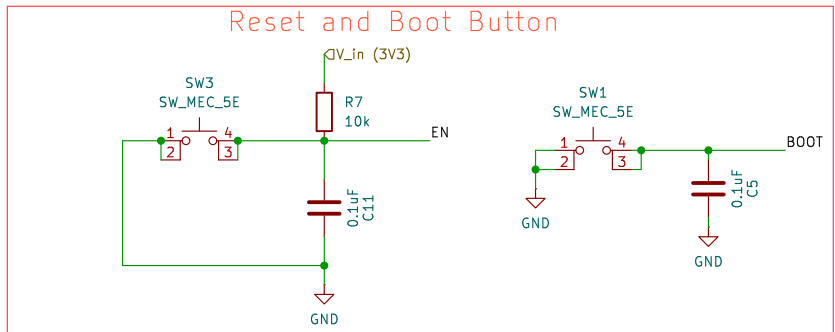
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Title: Moisture Clip for School Project

Size: A4 Date: 2025-02-13

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Sheet: /Microcontroller/
File: ESP32module.kicad_sch

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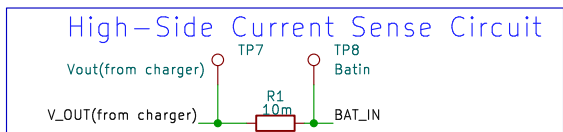
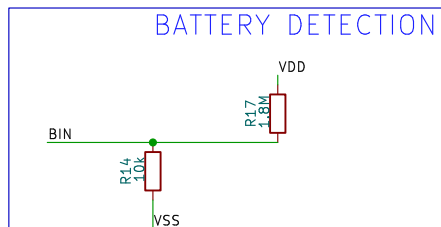
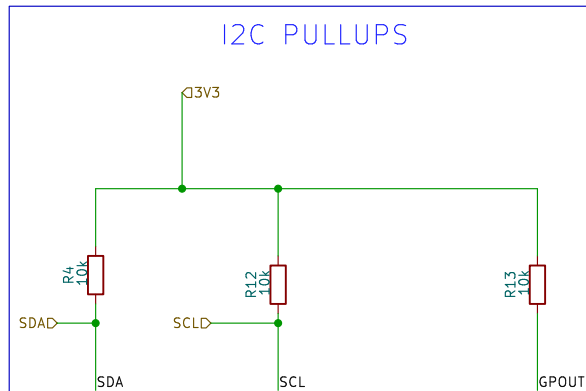
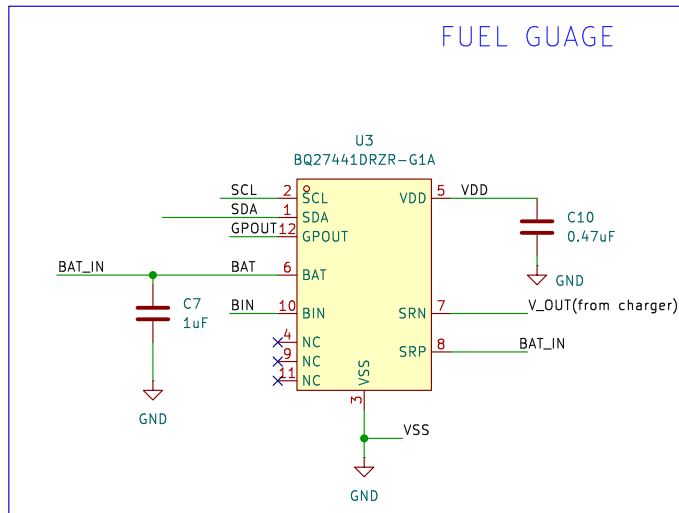
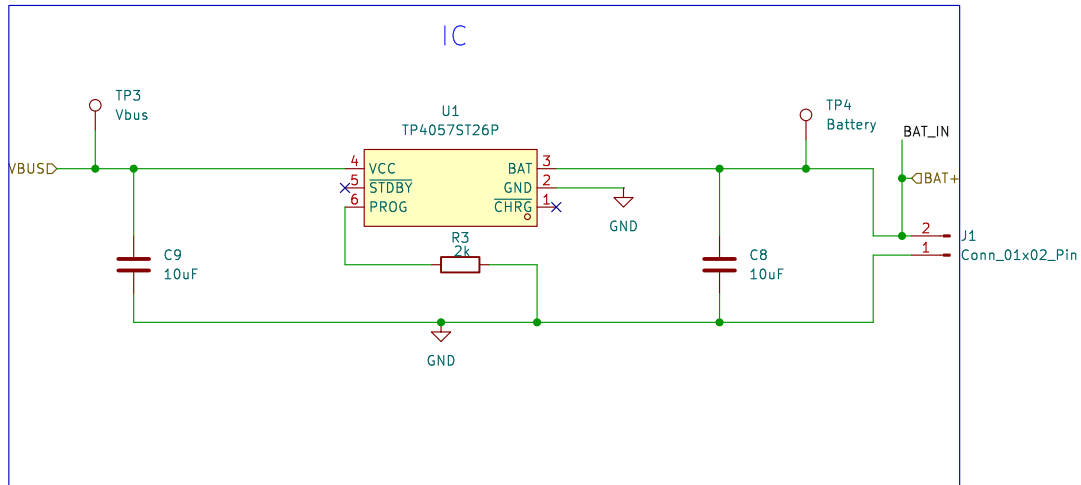
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Sheet: /IC/
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Date:

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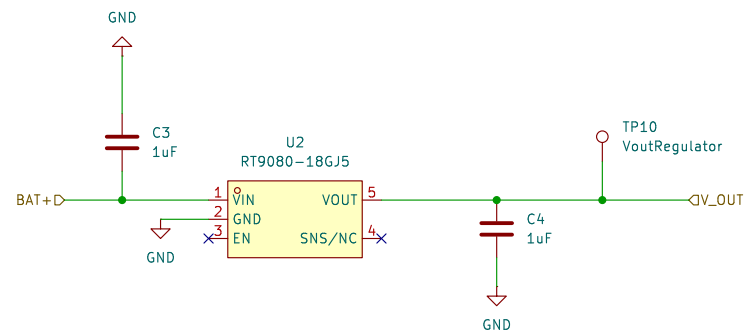
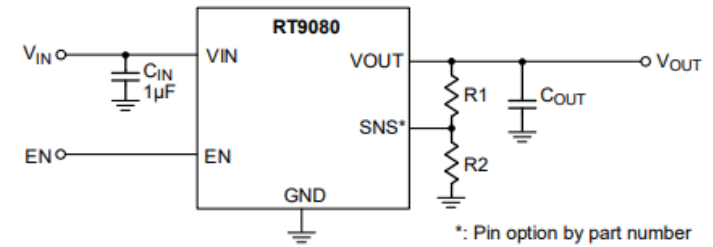
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RT9080

RICH

6 Simplified Application Circuit



Sheet: /Power regulator/
File: power.kicad_sch

Title:

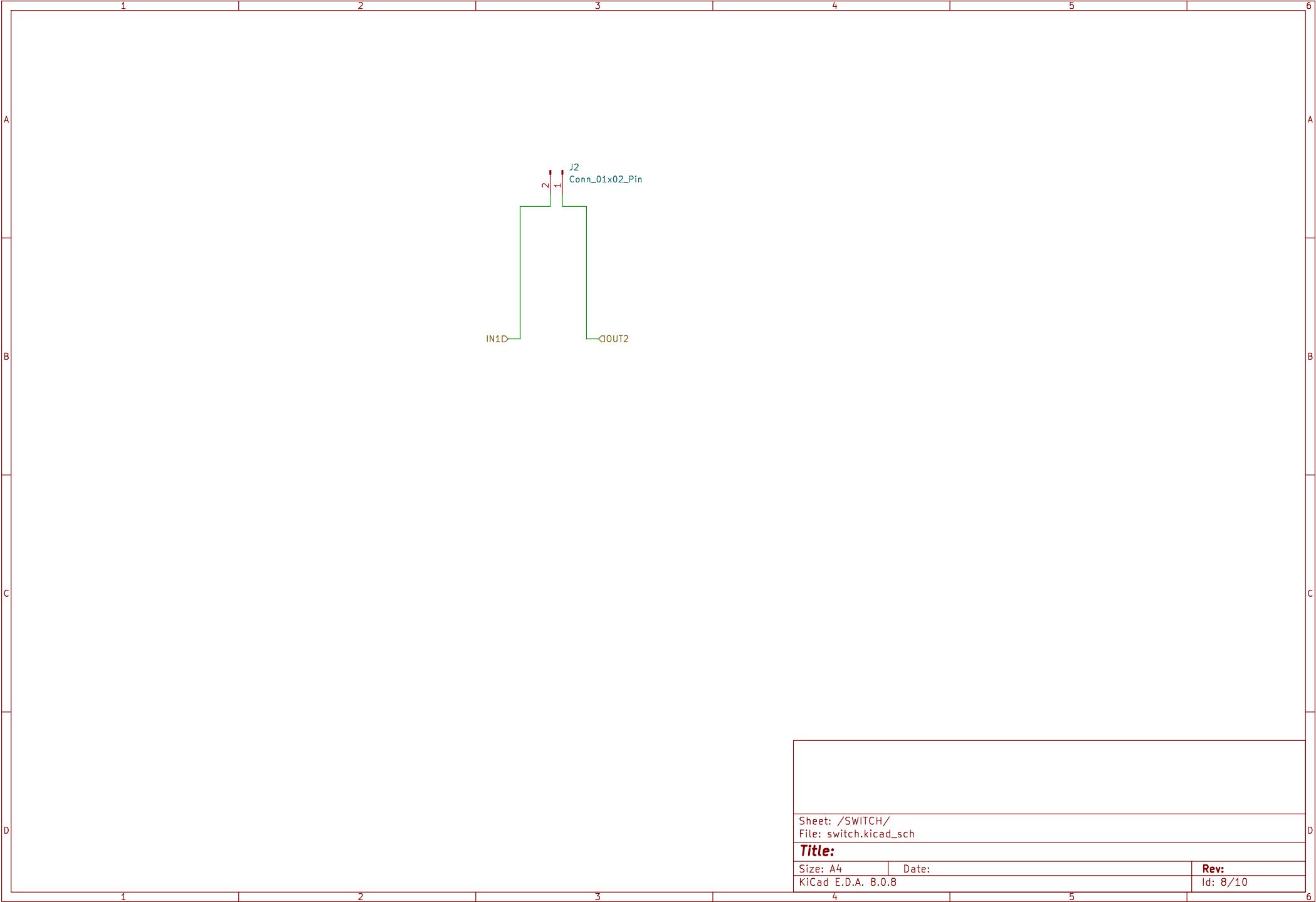
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Sheet: /SWITCH/ File: switch.kicad_sch		
Title:		
Size: A4	Date:	Rev:
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The following value resistors will be provided:

Supply Voltage	LED voltage	Resistance	Current (approximately)	Power rating
3.3V	2V	68 Ohm	20mA	0.25W
	3V	15 Ohm	20mA	0.25W
5V	2V	150 Ohm	20mA	0.25W
	3V	100 Ohm	20mA	0.25W
6V	2V	220 Ohm	20mA	0.25W
	3V	150 Ohm	20mA	0.25W
9V	2V	390 Ohm	19mA	0.25W
	3V	330 Ohm	20mA	0.25W
12V	2V	560 Ohm	20mA	0.5W
	3V	470 Ohm	20mA	0.5W

All quoted values are approximate

