

Jiří "b1u3-22" Sedlák

Sheet: /

File: Springy.kicad\_sch

**Title: 00 - Springy -- Block diagram**

Size: A4 Date: 2023-04-30

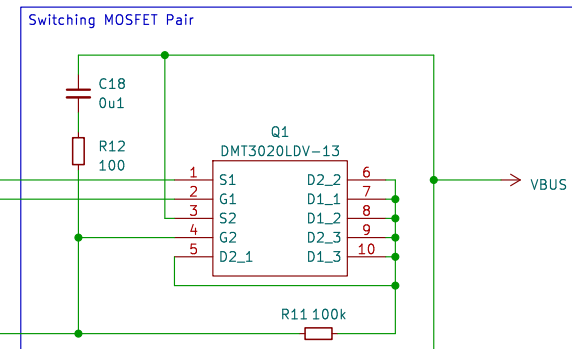
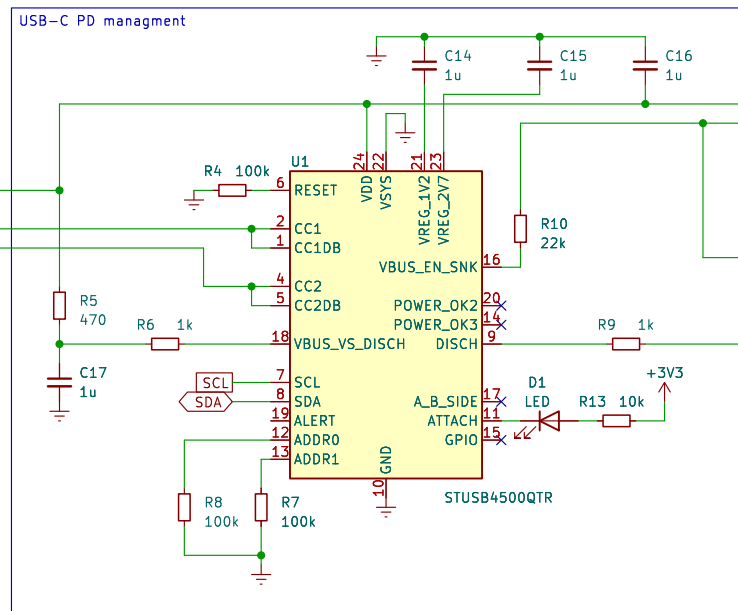
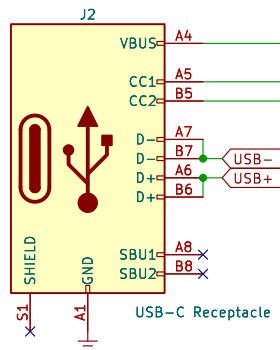
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Rev: 1

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TODO: ADD ESD PROTECTION



Jiří "b1u3-22" Sedlák

Sheet: /USB/

File: 02-usb.kicad\_sch

**Title: 02 – Springy -- USB**

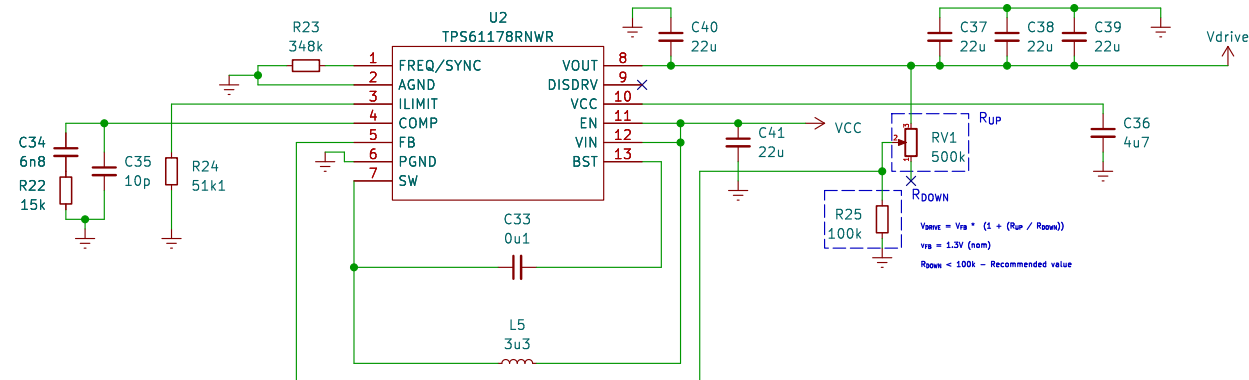
Size: A4 Date: 2023-04-30

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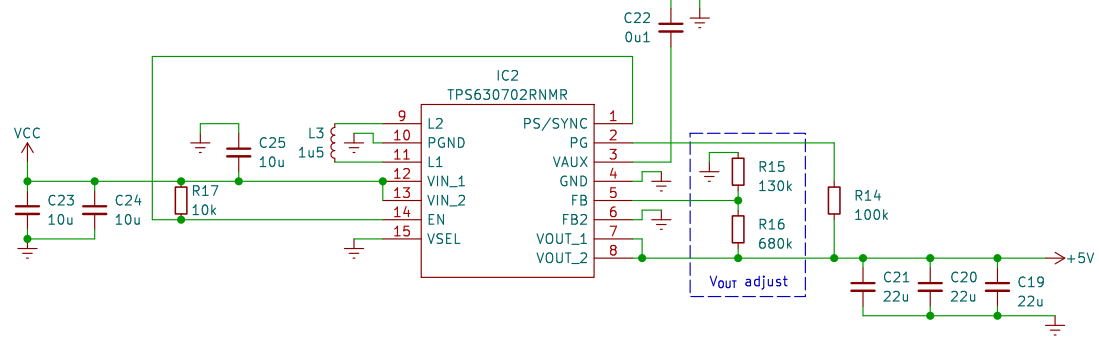
Rev: 1

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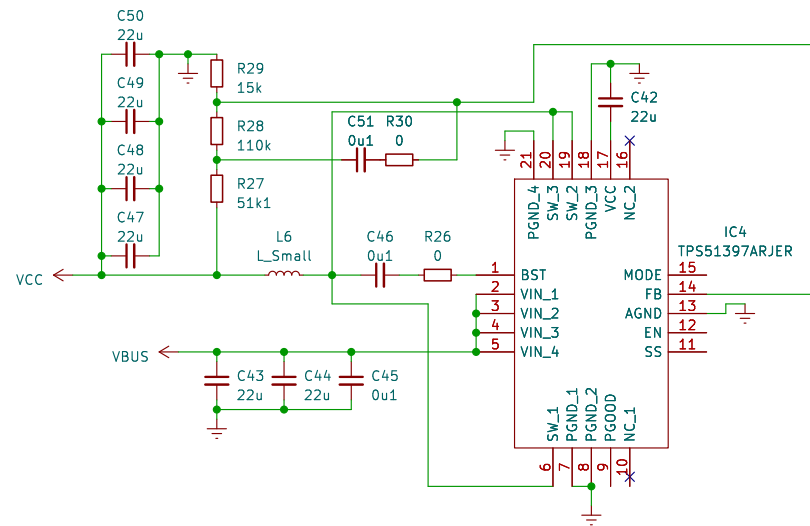
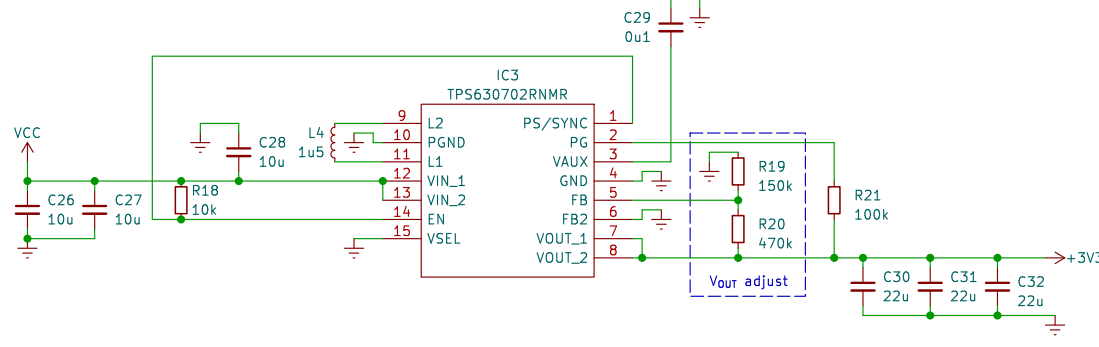
## Driver rail



## 5V rail



## 3V3 rail



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Sheet: /Power management/  
File: 03-power.kicad\_sch

**Title: 03 - Springy -- Power management**

Size: A4 Date: 2023-04-30

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Rev: 1

Id: 4/7

	1	2	3	4	5	6
A						
B						
C						
D						
	1	2	3	4	5	6

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Sheet: /Battery management/		
File: 04-bm.kicad_sch		
Title:		
Size: A4	Date: 2023-04-30	Rev: 1
KiCad E.D.A. kicad 7.0.2		Id: 5/7

	1	2	3	4	5	6
A						
B						
C						
D						
	1	2	3	4	5	6

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Sheet: /Motor drivers/  
File: 05-drivers.kicad\_sch

**Title:**

Size: A4      Date: 2023-04-30

KiCad E.D.A.    kicad 7.0.2

**Rev: 1**

Id: 6/7

	1	2	3	4	5	6
A						
B						
C						
D						
	1	2	3	4	5	6

Jiří "b1u3-22" Sedlák

Sheet: /Inertial measurment unit/  
File: 06-imu.kicad\_sch

Title:

Size: A4      Date: 2023-04-30

KiCad E.D.A.    kicad 7.0.2

Rev: 1

Id: 7/7