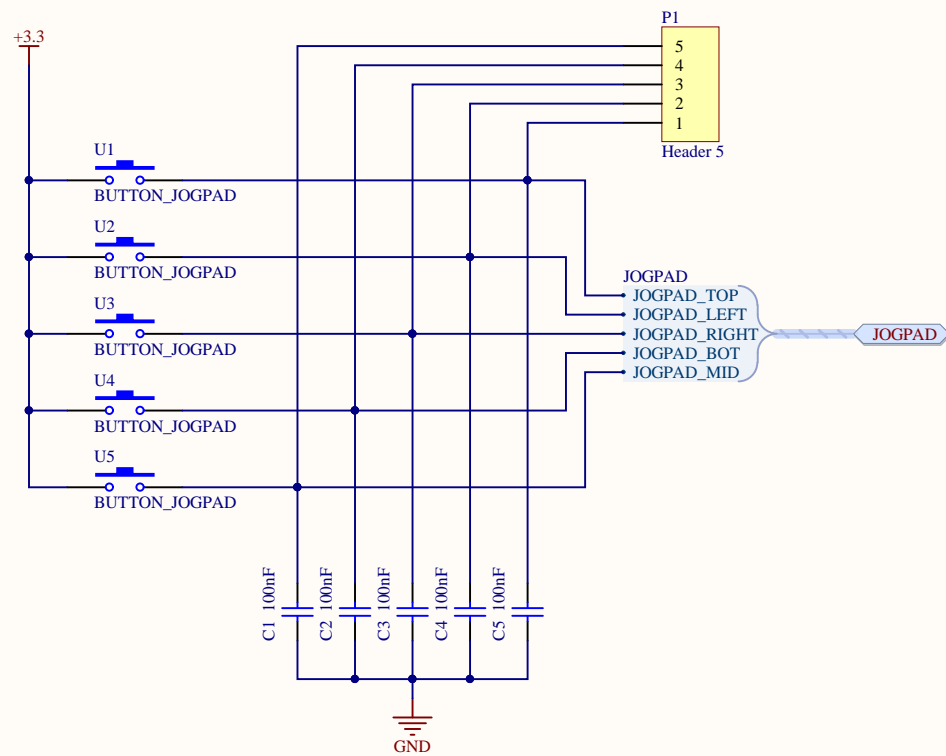
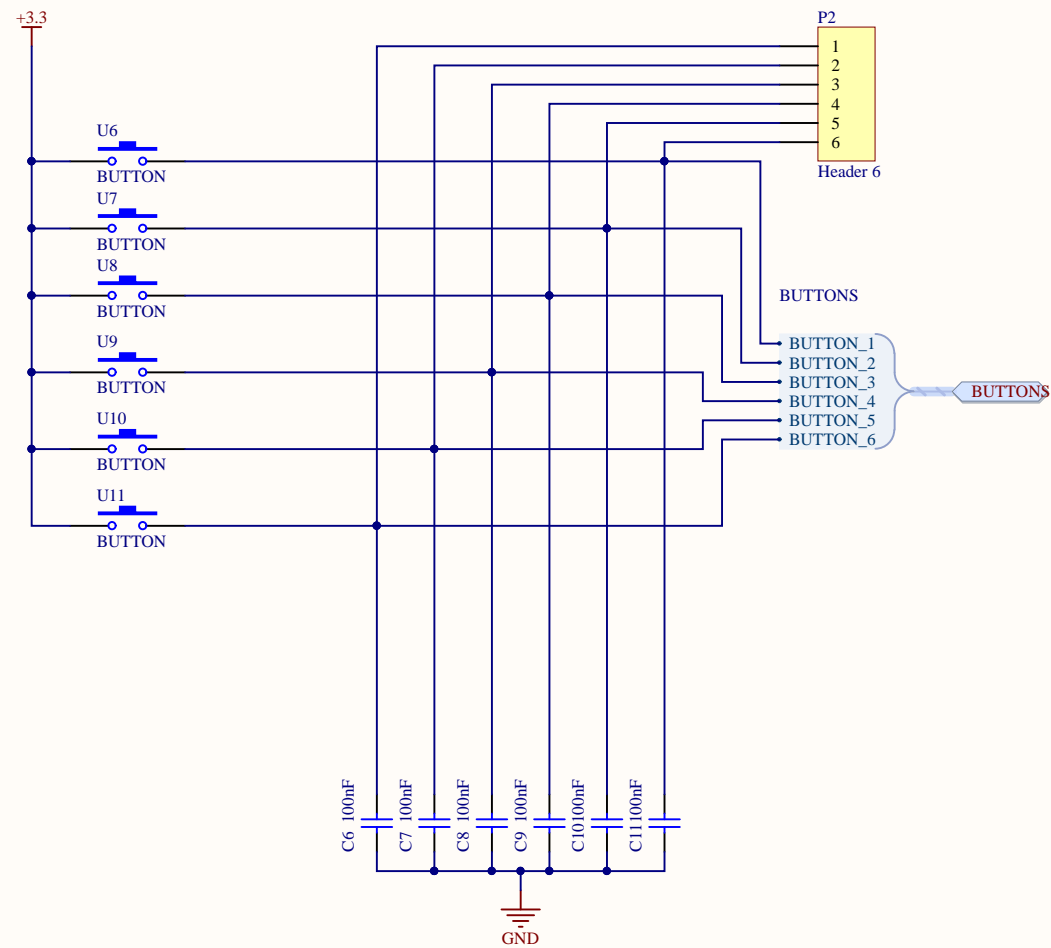


JOGPAD



BUTTONS



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Project:

*

Drawing number: *

Rev: *

Format:

Laboratory: *

Sheet: buttons.SchDoc

Date: 29.07.2020 02:57:31

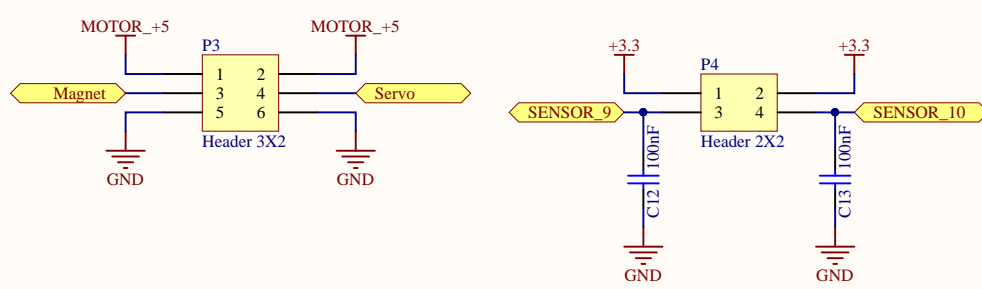
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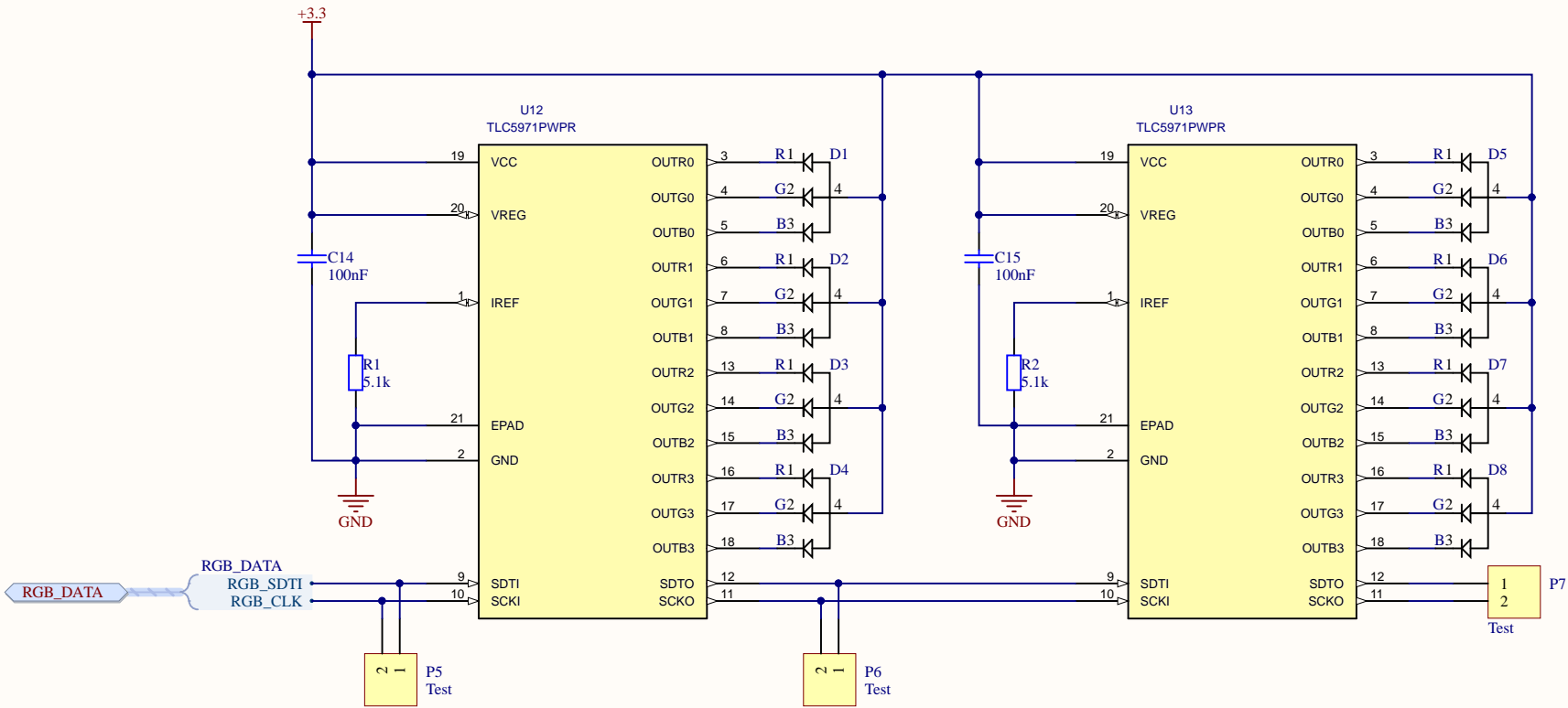
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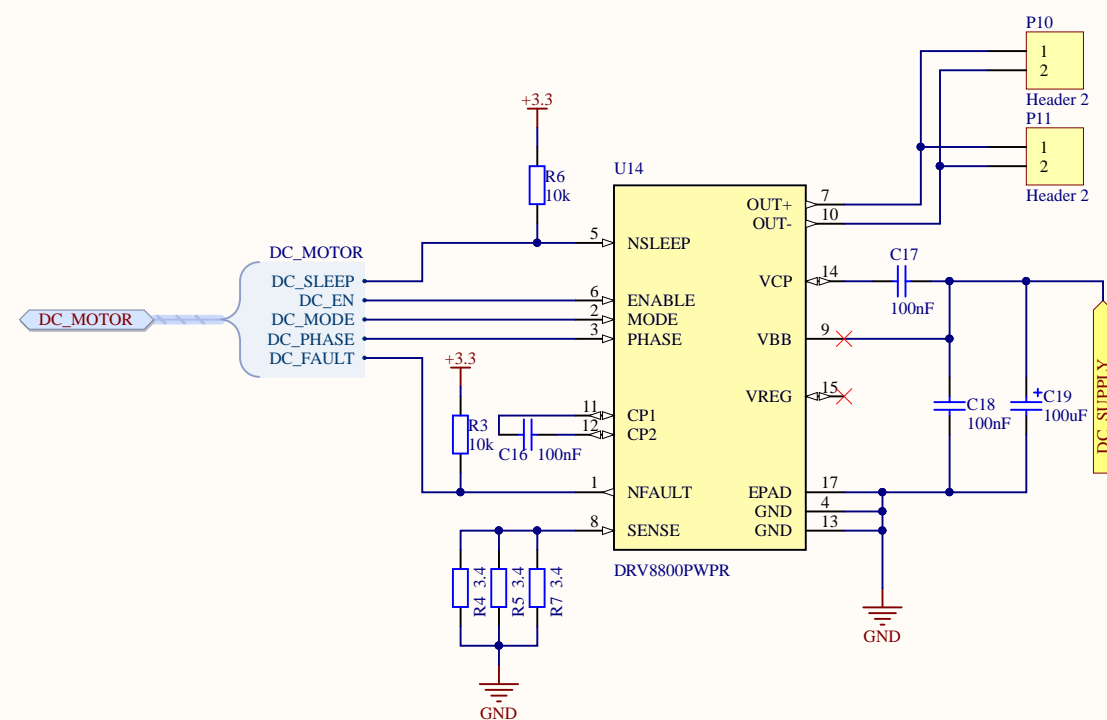
Connectors



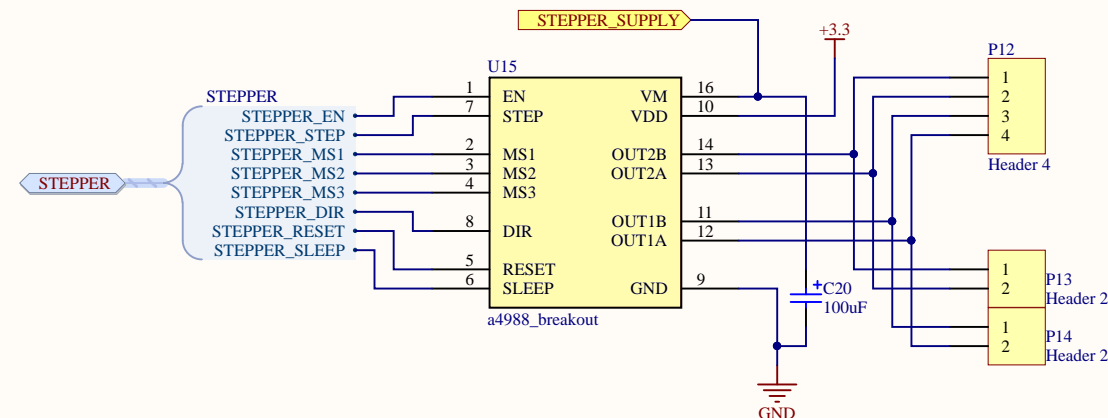
RGB



DC Motor Driver

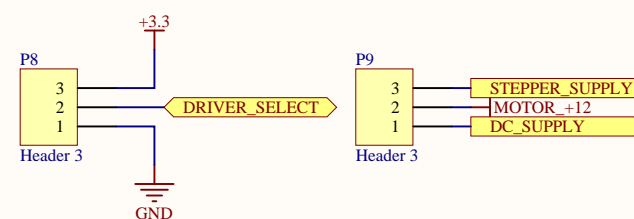


Stepper Driver



Driver Select

Connect Pin 2 to Pin:
1: DC Motor
3: Stepper Motor



ETH

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Swiss Federal Institute of Technology Zurich

Project:

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Drawing number: *

Rev: *

Format:

Laboratory: *

Sheet: motors.SchDoc

Date: 29.07.2020 02:57:31

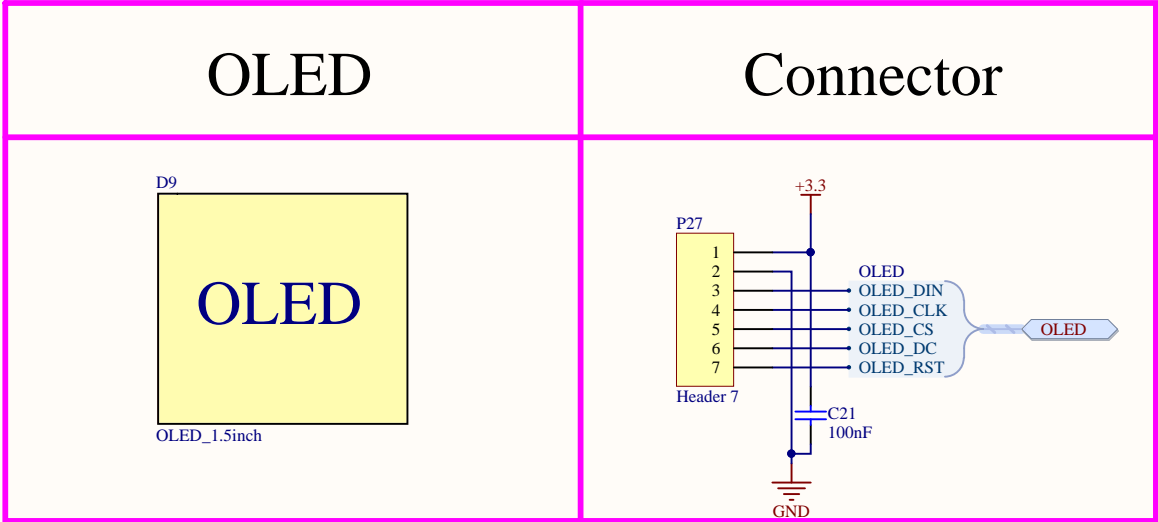
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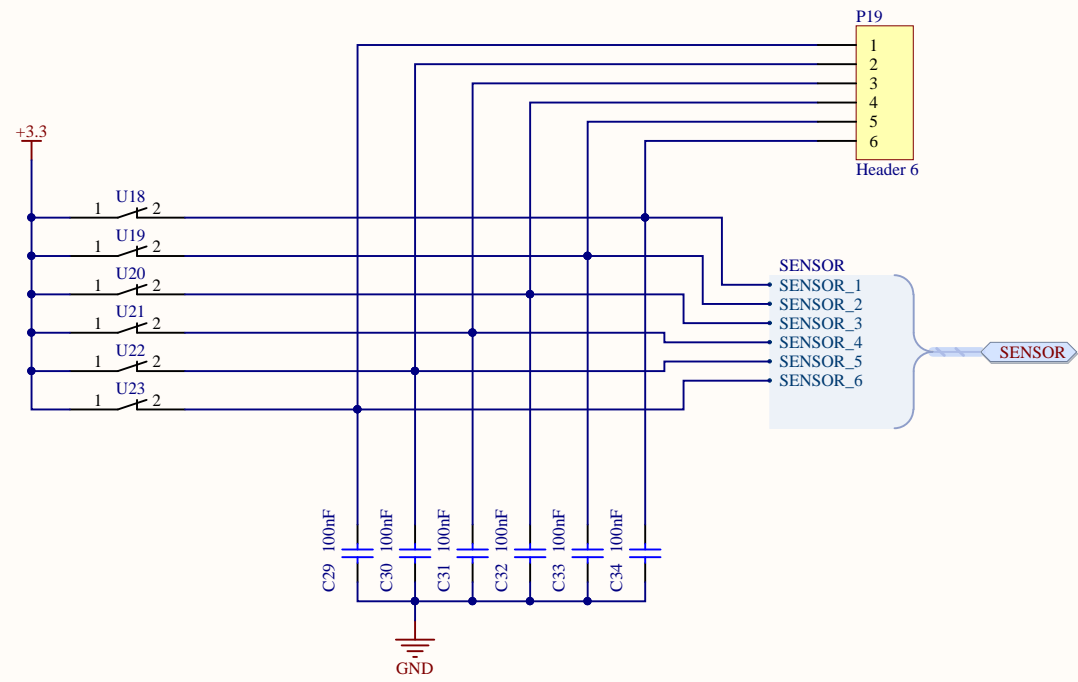
Page * of *

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1	2	3	4	5	6	7	8
A							A
B							B
C							C
D							D



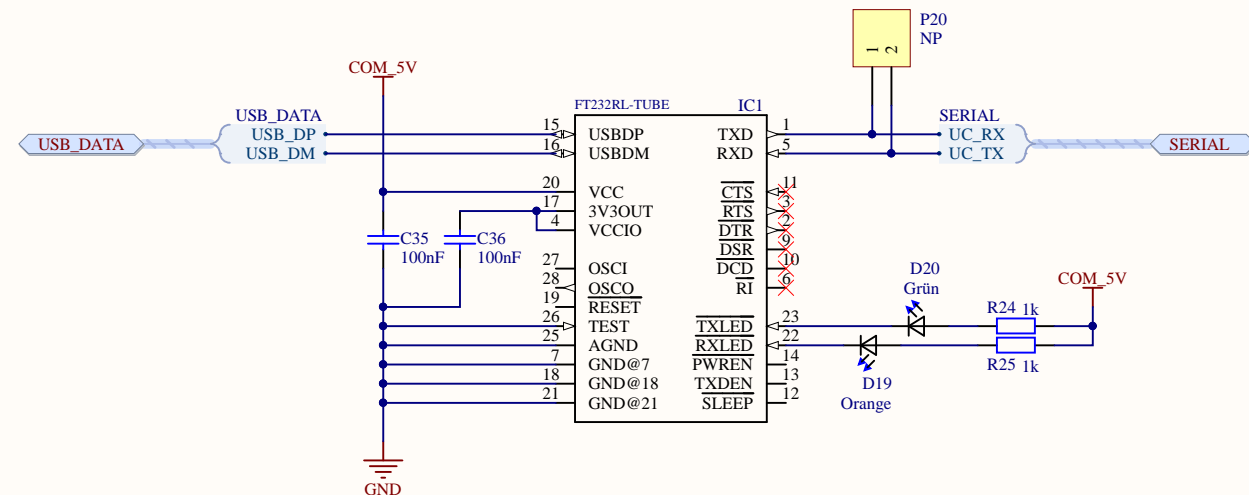
REED Sensoren



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Project: *		
Drawing number: *	Rev: *	Format: A3
Date: 29.07.2020 02:57:32	Laboratory: *	Drawn by: *
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SERIAL -> UART



A

B

C

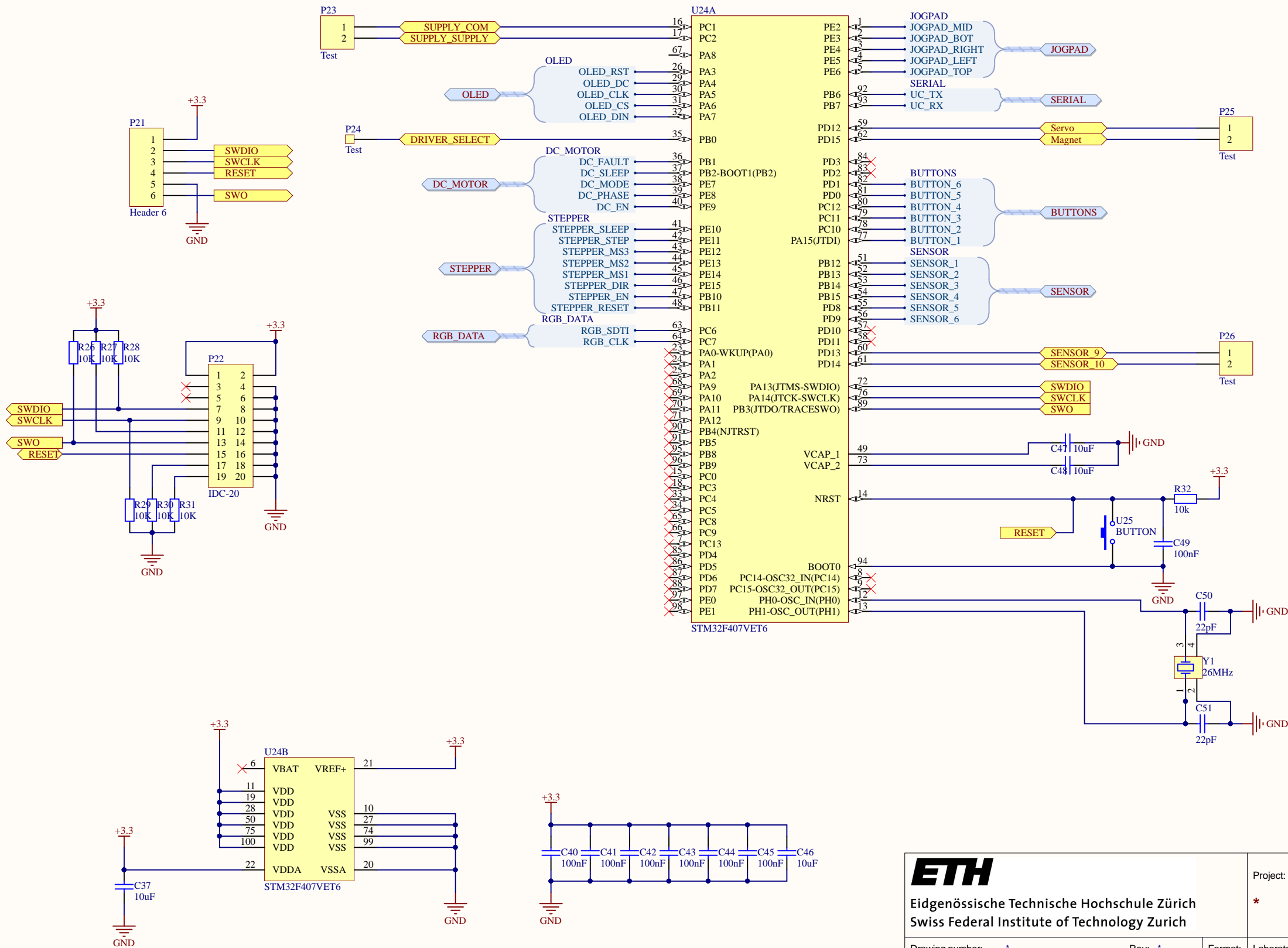
D

A

B

C

D

**ETH****Eidgenössische Technische Hochschule Zürich**
Swiss Federal Institute of Technology Zurich

Project:

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Drawing number: *

Rev: *

Format:

Laboratory: *

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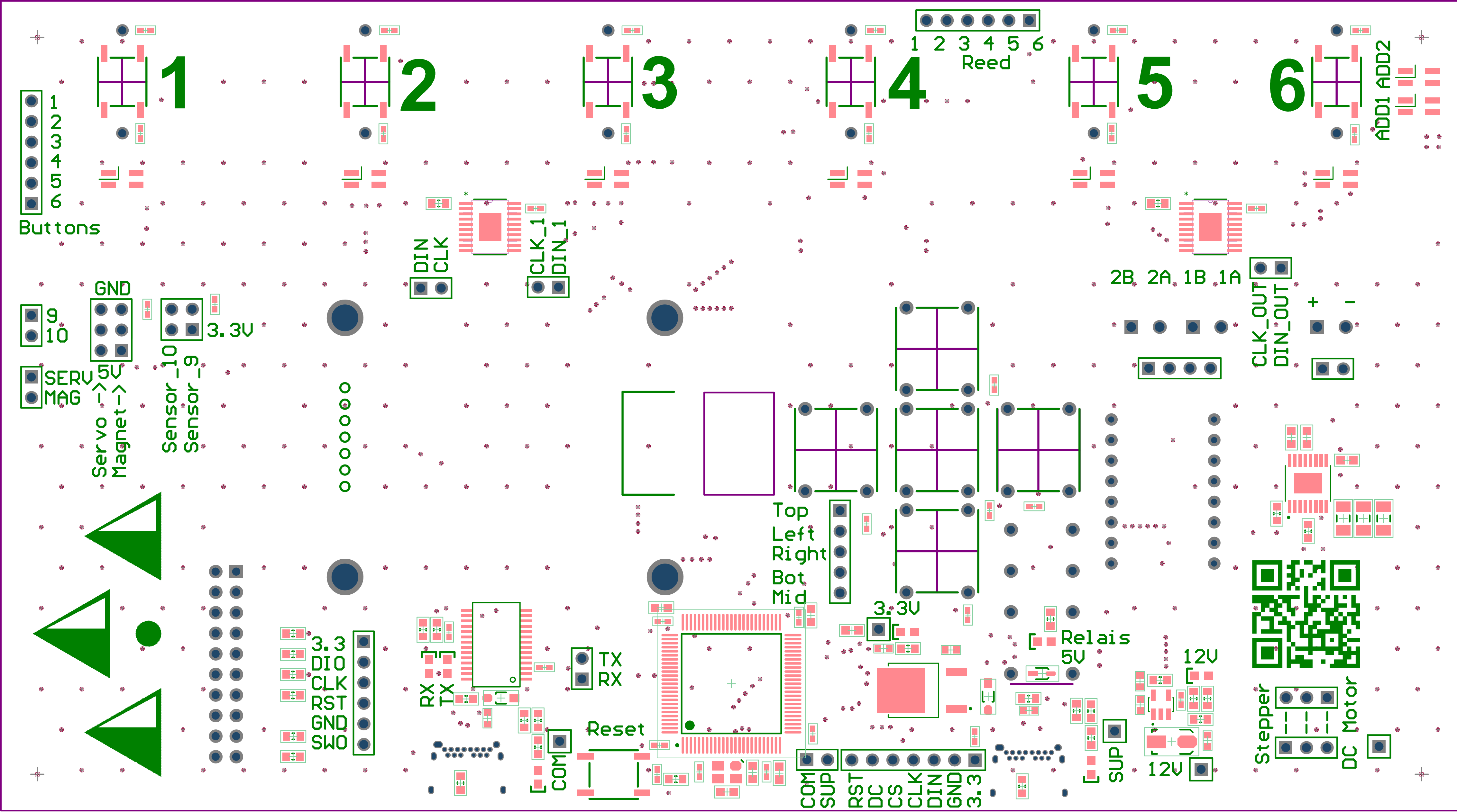
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A3

Drawn by: *

Page * of *

File: D:\Onedrive\TBZ\TBZ\Projekt BMS LM - Dokumente\PCB\w1.0\BMA_Projektv1\uC.SchDoc



- 1
- 2
- 3
- 4
- 5
- 6

Buttons

- GND
- 9
- 10
- SERV
- MAG
- ←-Servo
- ←-Magnet
- Sensor_9
- Sensor_10
- 3.3V

BMA Projekt 2020
Bell17a - v1.0
Lionardo Wernli
Marco Stauber

- 2
- 1
- 20
- 19

- 3.3
- DIO
- CLK
- RST
- GND
- SWO

- DIN
- CLK
- DIN_1
- CLK_1

- TX
- RX
- COM



- Top
- Left
- Right
- Bot
- Mid

- COM
- SUP
- RST
- DIO
- CLK
- DIN
- GND
- 3.3

- 6
- 5
- 4
- 3
- 2
- 1

Reed

- 1A
- 1B
- 2A
- 2B

- CLK_OUT
- DIN_OUT
- +
-

12V

12V

dns

Stepper

DC Motor

