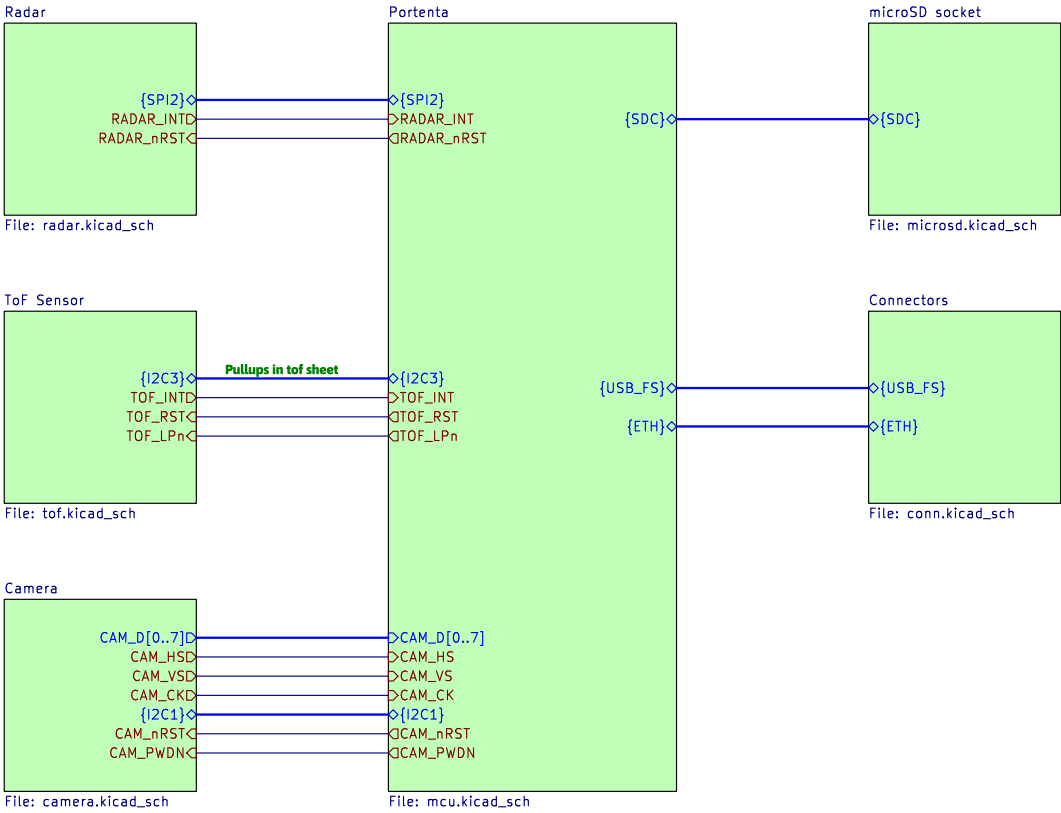


$I_{3.3V} \approx 370mA$   
 $I_{5V} \approx 140mA$

$I_{max} \approx 240mA$

$I_{max} = 130mA$

$I_{max} = 140mA$   
From 5V with SMPS



Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

Project:

**Heterogeneous radar, RGB, and ToF sensor board**

Drawing number: 1

Rev: 1.2

Format:

A4

Date: 2023-04-24

File: radartof-hardware.kicad\_sch

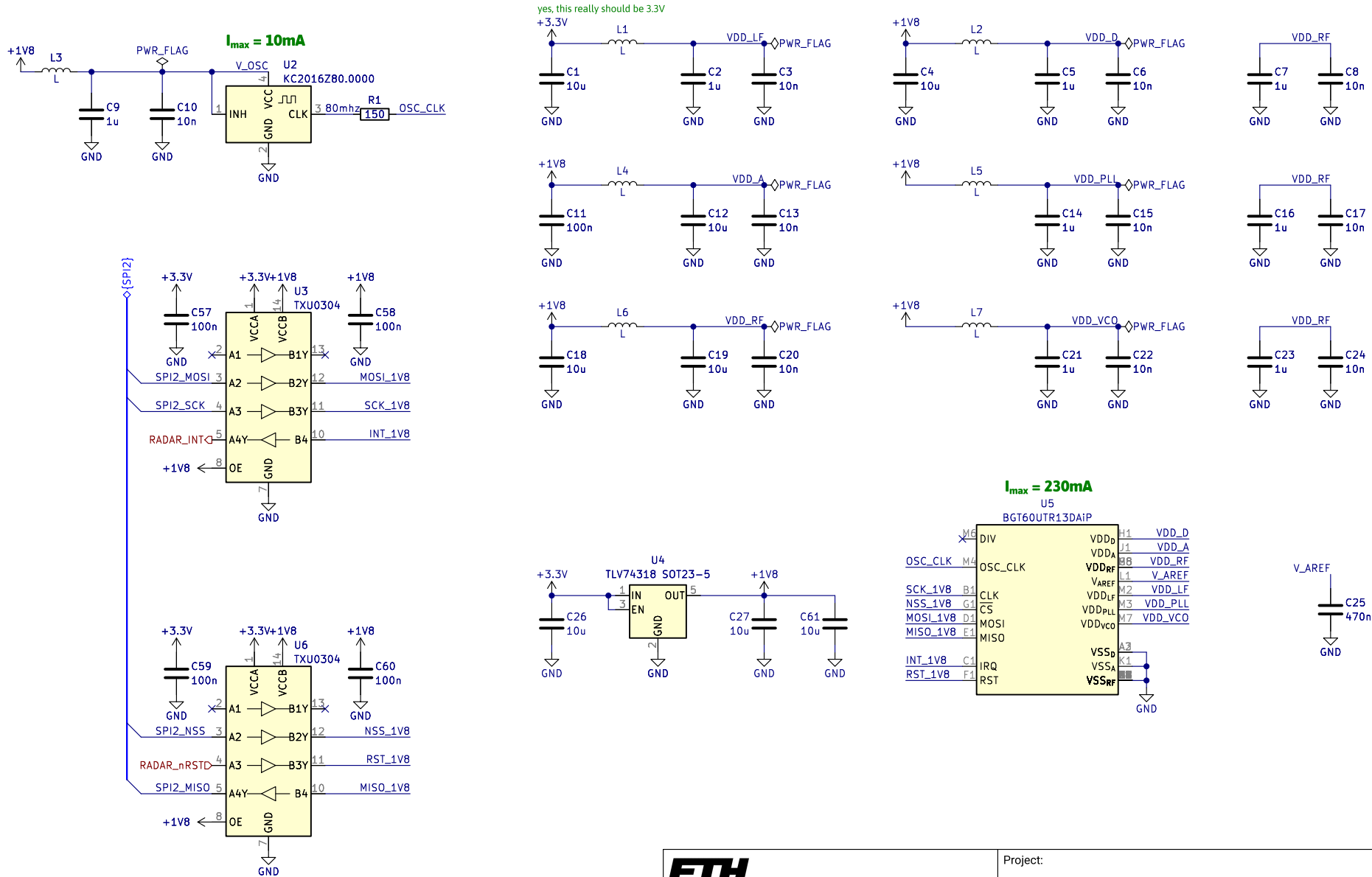
Laboratory: Center for Project-Based Learning

Drawn by: Zoltán Marcsek

Sheet: /

Page 1 of 7





**ETH**

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Drawing number: 3 Rev: 1.2 Format: A4

Date: 2023-04-24

File: radar.kicad\_sch

Project:

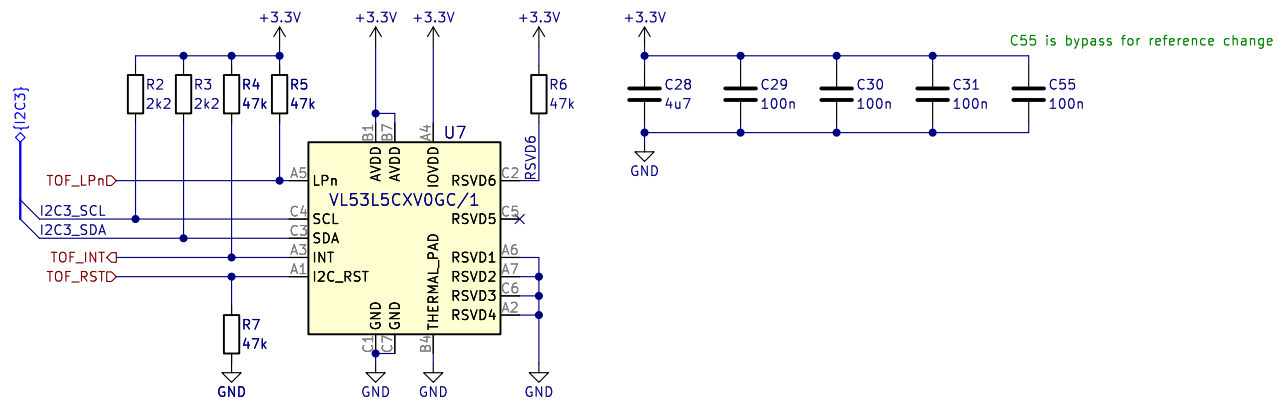
**Heterogeneous radar, RGB, and ToF sensor board**

Laboratory: Center for Project-Based Learning

Drawn by: Zoltán Marcsek

Sheet: /Radar/

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Eidgenössische Technische Hochschule Zürich  
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Project:

**Heterogeneous radar, RGB, and ToF sensor board**

Drawing number: 4

Rev: 1.2

Format:

Laboratory: Center for Project-Based Learning

Sheet: /ToF Sensor/

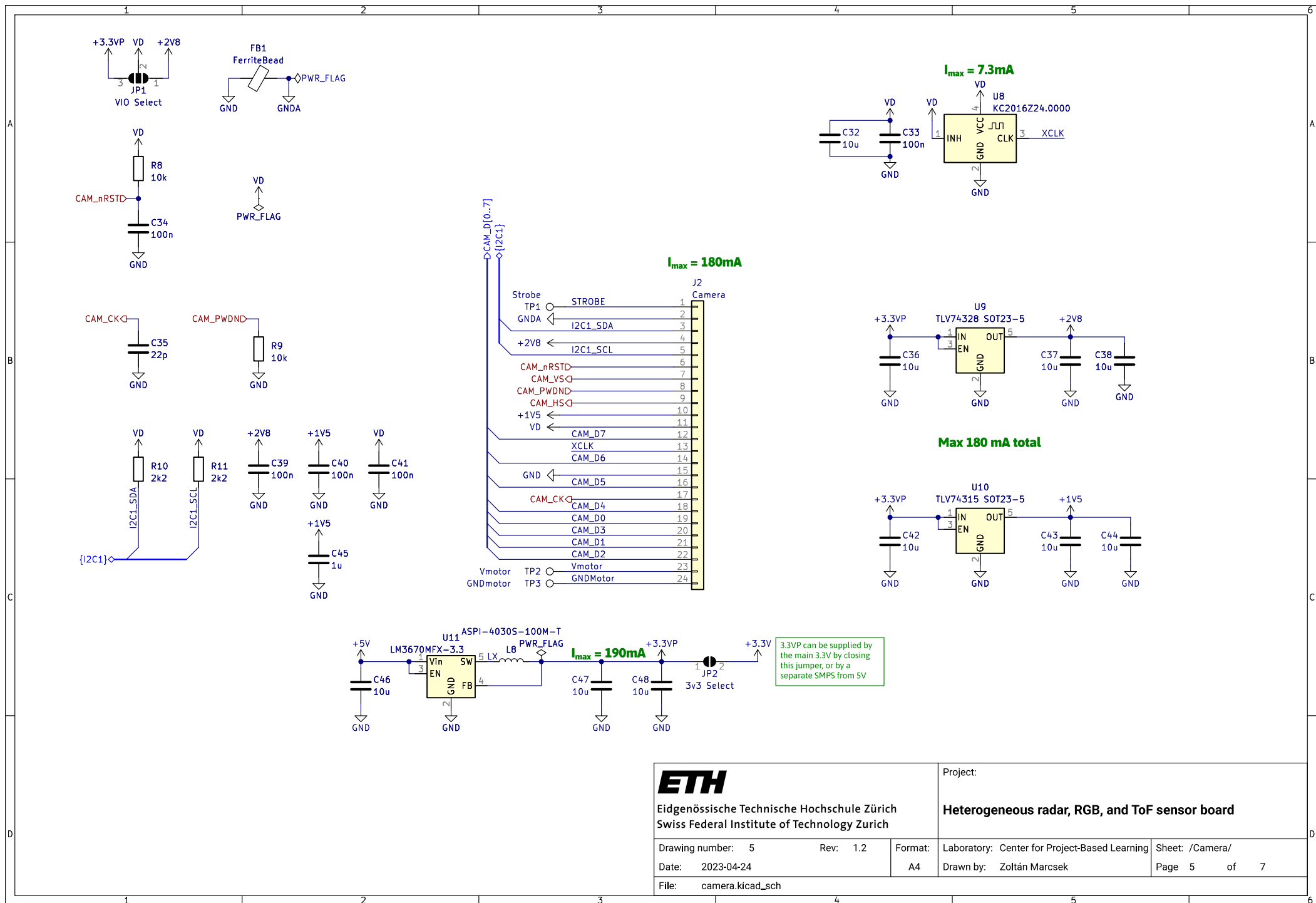
Date: 2023-04-24

A4

Drawn by: Zoltán Marcsek

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File: tof.kicad\_sch



**ETH**

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Drawing number: 5

Rev: 1.2

Format:

A4

Date: 2023-04-24

File: camera.kicad\_sch

Project:

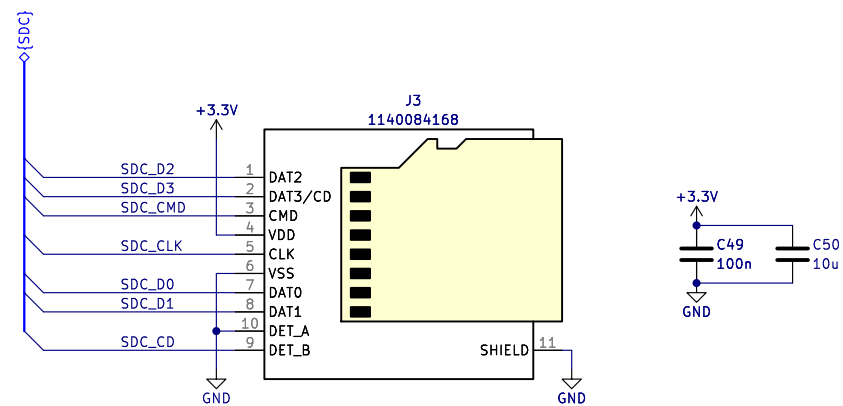
**Heterogeneous radar, RGB, and ToF sensor board**

Laboratory: Center for Project-Based Learning

Drawn by: Zoltán Marcsek

Sheet: /Camera/

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Eidgenössische Technische Hochschule Zürich  
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Project:

**Heterogeneous radar, RGB, and ToF sensor board**

Drawing number: 6

Rev: 1.2

Format:

Laboratory: Center for Project-Based Learning

Sheet: /microSD socket/

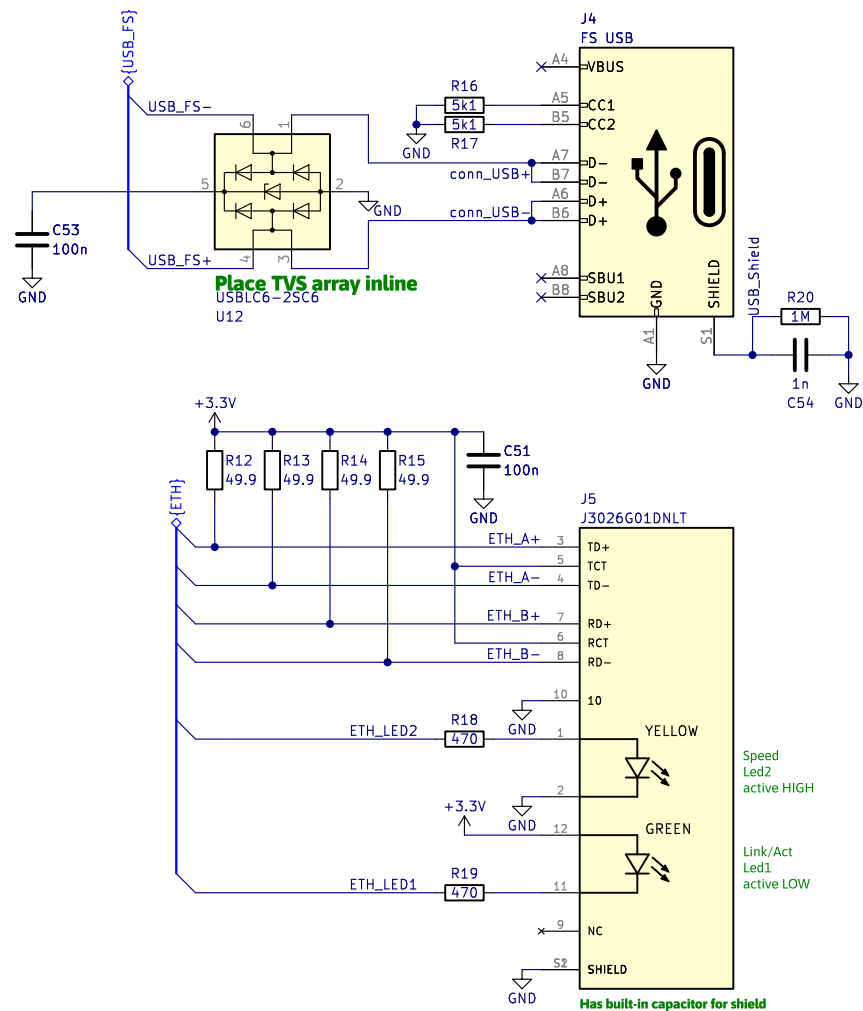
Date: 2023-04-24

A4

Drawn by: Zoltán Marcsek

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File: microsd.kicad\_sch



**ETH**

Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

Drawing number: 7

Rev: 1.2

Format:

A4

Date: 2023-04-24

File: conn.kicad\_sch

Project:

**Heterogeneous radar, RGB, and ToF sensor board**

Laboratory: Center for Project-Based Learning

Sheet: /Connectors/

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