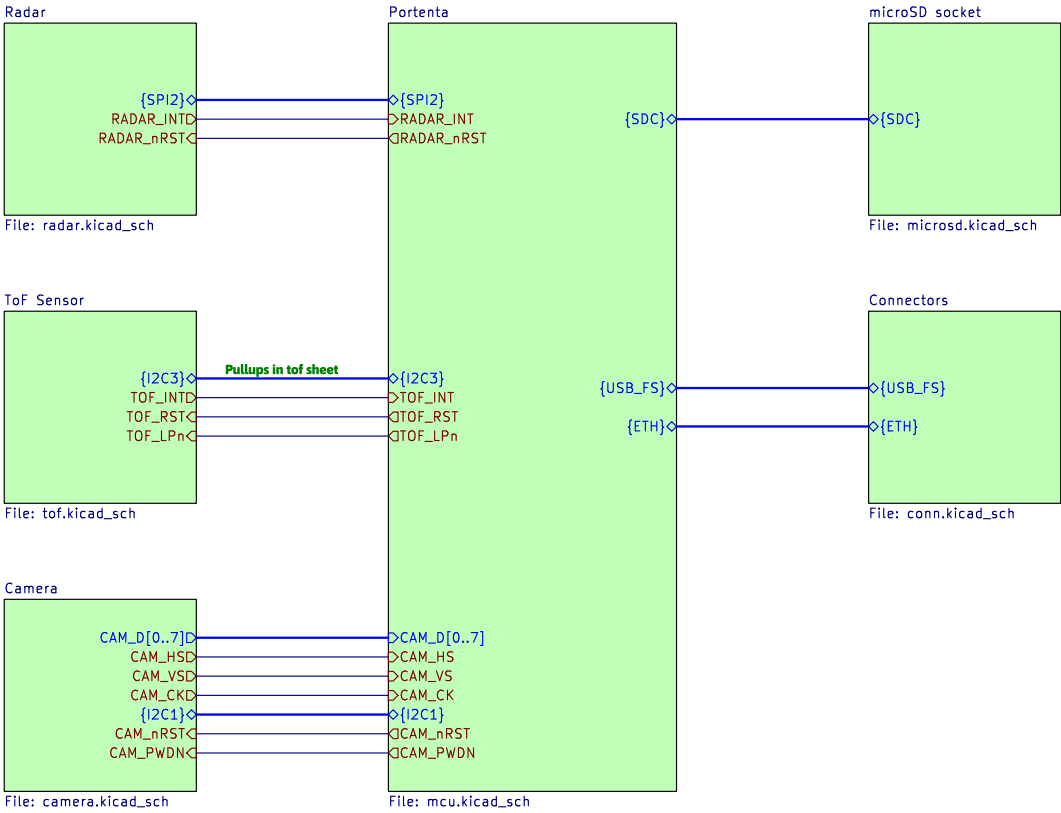


$I_{3.3V} \approx 370mA$   
 $I_{5V} \approx 140mA$

$I_{max} \approx 240mA$

$I_{max} = 130mA$

$I_{max} = 140mA$   
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: 1.3

Format:

A4

Date: 2023-04-25

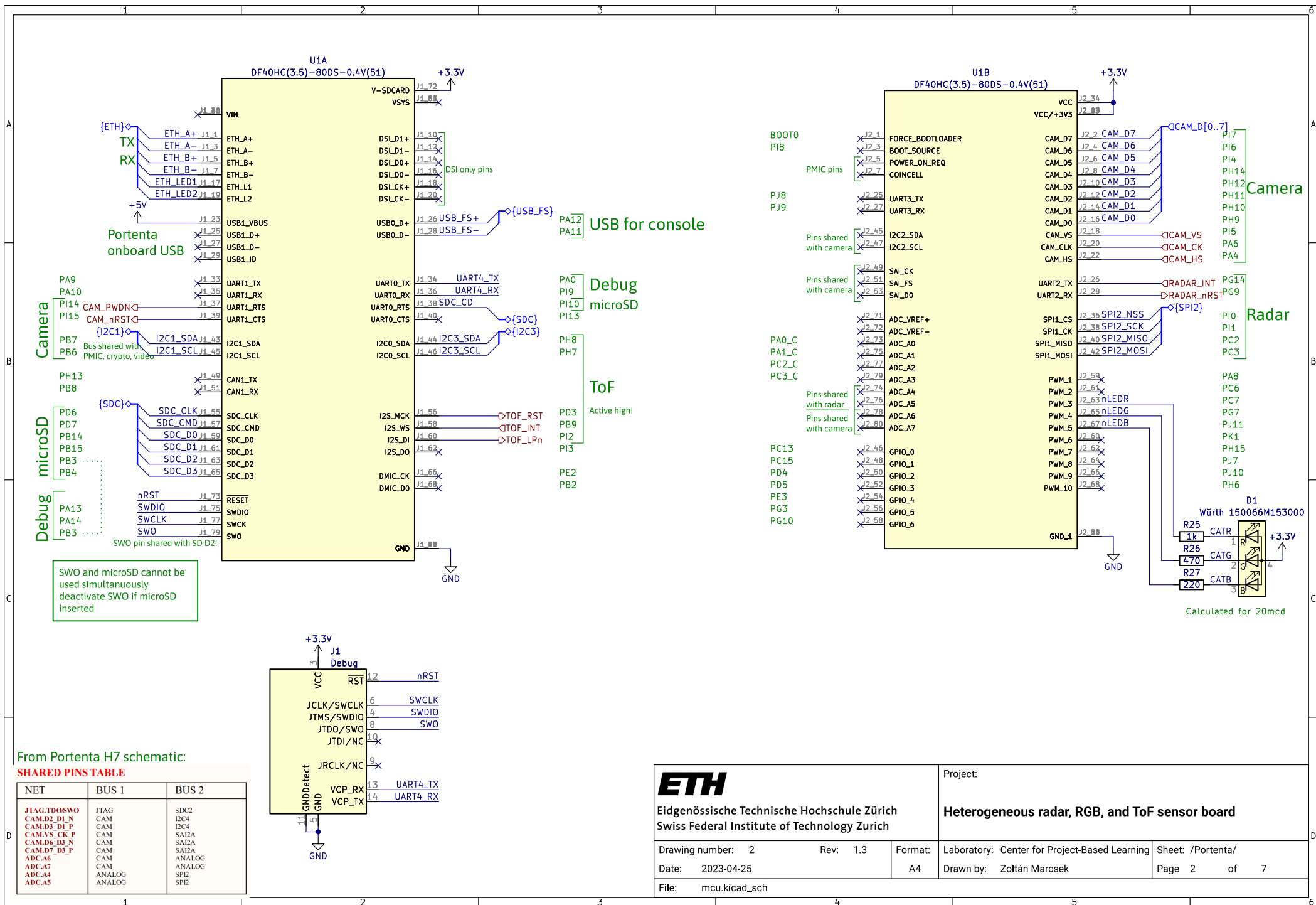
File: radartof-hardware.kicad\_sch

Laboratory: Center for Project-Based Learning

Drawn by: Zoltán Marcsek

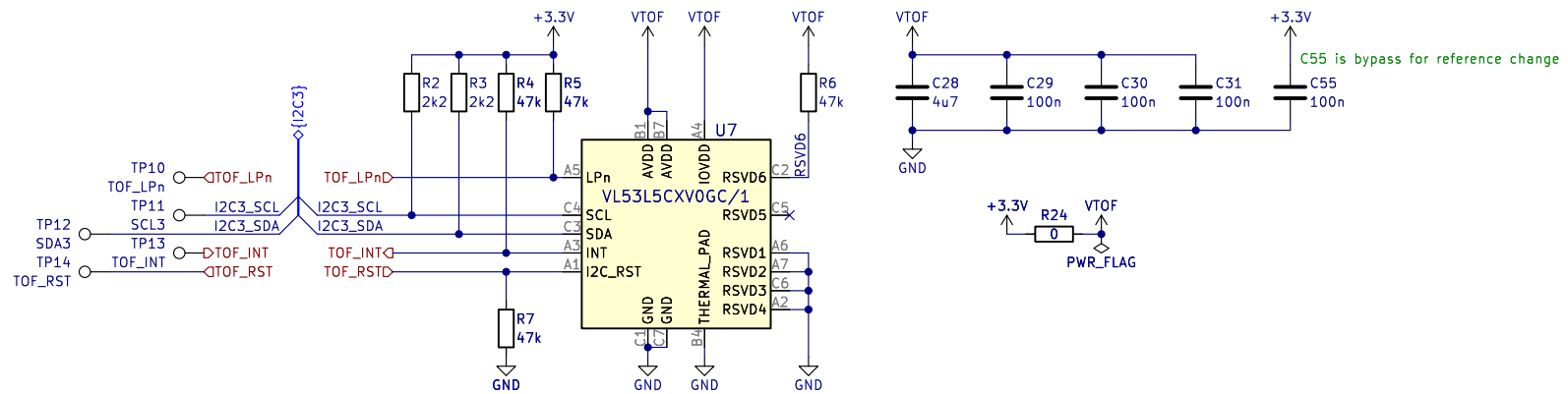
Sheet: /

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Drawing number: 4

Rev: 1.3

Format:

A4

File: tof.kicad\_sch

Project:

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

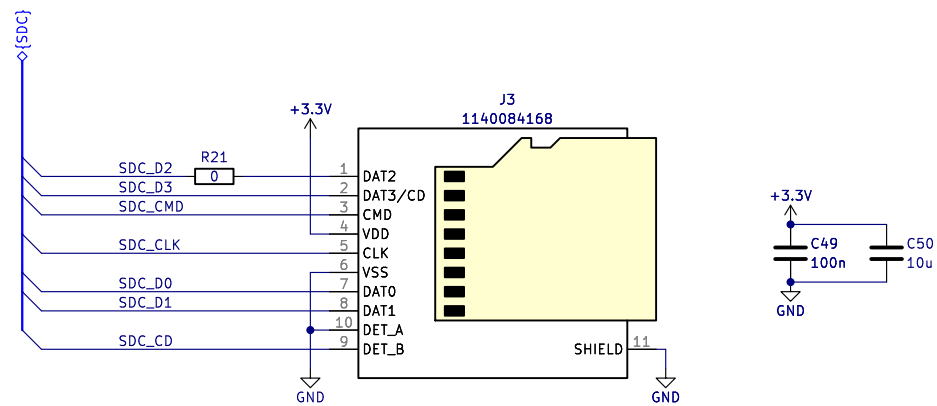
Laboratory: Center for Project-Based Learning

Drawn by: Zoltán Marcsek

Sheet: /ToF Sensor/

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Project:

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

Drawing number: 6

Rev: 1.3

Format:

A4

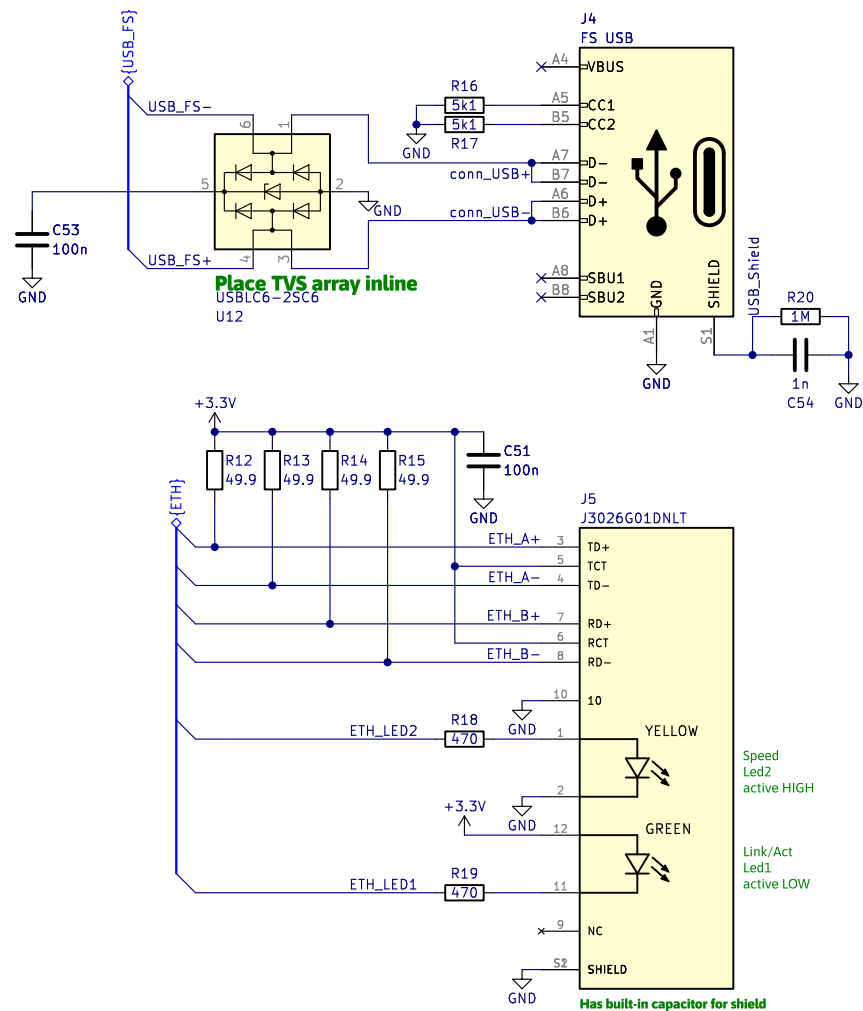
Laboratory: Center for Project-Based Learning

Drawn by: Zoltán Marcsek

Sheet: /microSD socket/

Page 6 of 7

File: microsd.kicad\_sch



**ETH**

Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

Drawing number: 7

Rev: 1.3

Format:

A4

Date: 2023-04-25

File: conn.kicad\_sch

Project:

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

Laboratory: Center for Project-Based Learning

Sheet: /Connectors/

Drawn by: Zoltán Marcsek

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