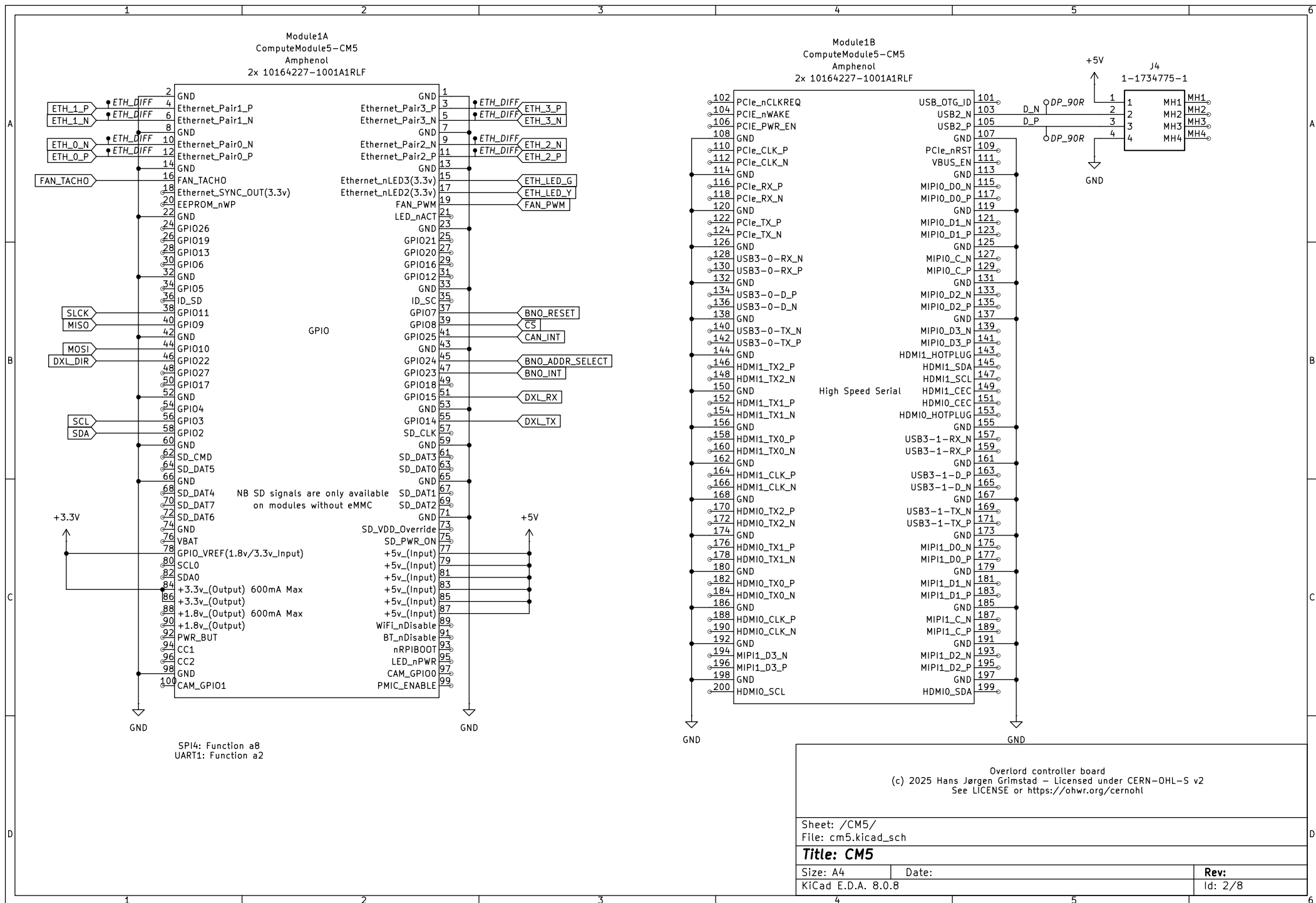
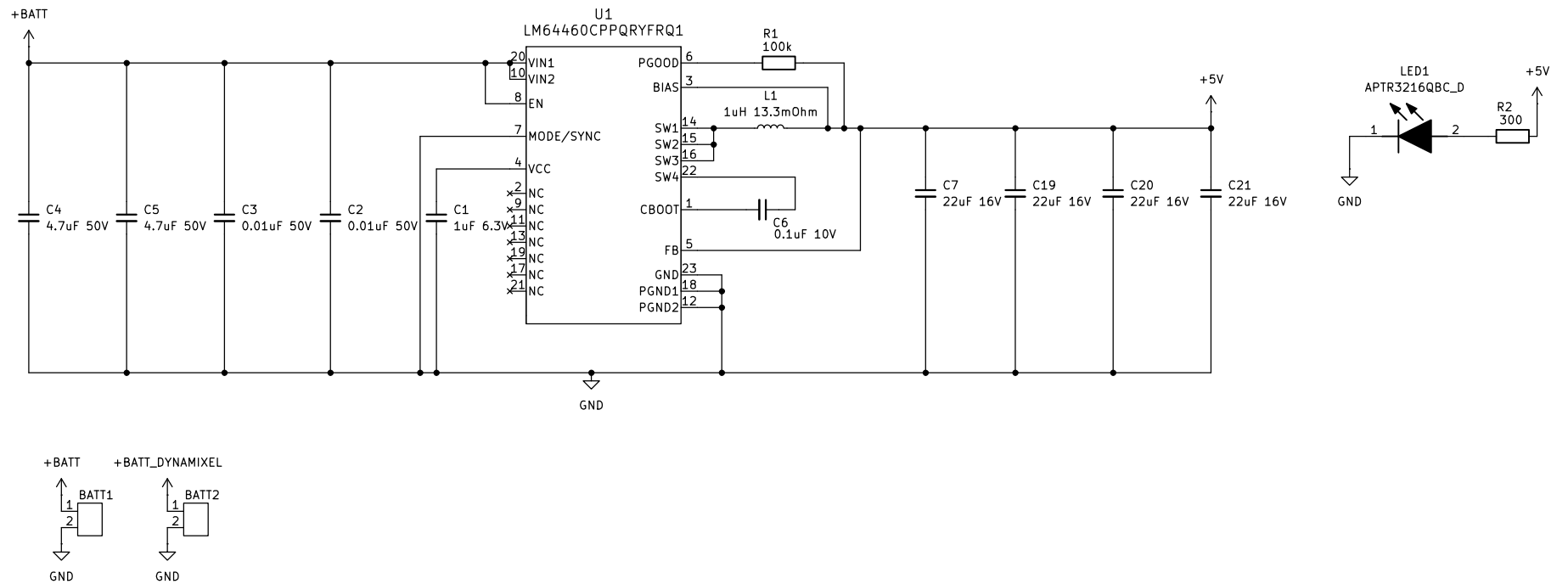


1	2	3	4	5	6
A	<div>Sheetname: CM5</div> <div>File: cm5.kicad_sch</div> <div>Power</div> <div>File: power.kicad_sch</div> <div>IMU</div> <div>File: imu.kicad_sch</div>				
B	<div>CANBus</div> <div>File: can.kicad_sch</div> <div>Dynamixel</div> <div>File: dynamixel.kicad_sch</div> <div>Sheetname: Ethernet</div> <div>File: ethernet.kicad_sch</div>				
C	<div>Sheetname: Cooler</div> <div>File: cooler.kicad_sch</div>				
D	<div>Overlord controller board</div> <div>(c) 2025 Hans Jørgen Grimstad – Licensed under CERN–OHL–S v2</div> <div>See LICENSE or https://ohwr.org/cernohl</div> <div>Sheet: /</div> <div>File: overlord.kicad_sch</div> <div><div>Title:</div><div>Size: A4</div><div>KiCad E.D.A. 8.0.8</div><div>Date:</div><div>Rev:</div><div>Id: 1/8</div></div>				
1	2	3	4	5	6





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Sheet: /Power/
File: power.kicad_sch

Title: 5V Power

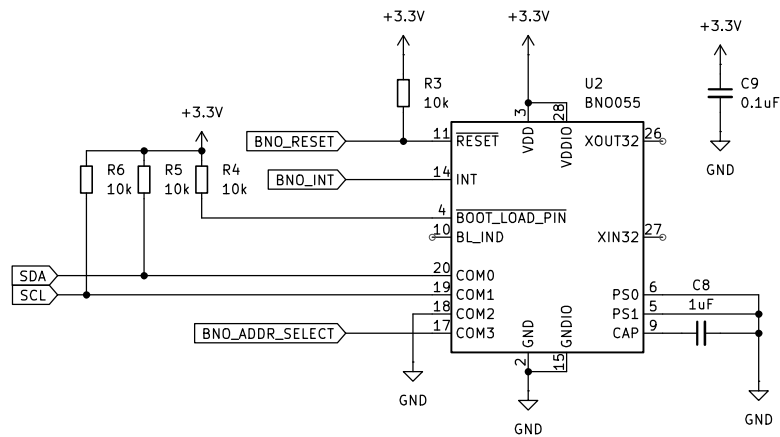
Size: A4

Date:

KiCad E.D.A. 8.0.8

Rev:

Id: 3/8



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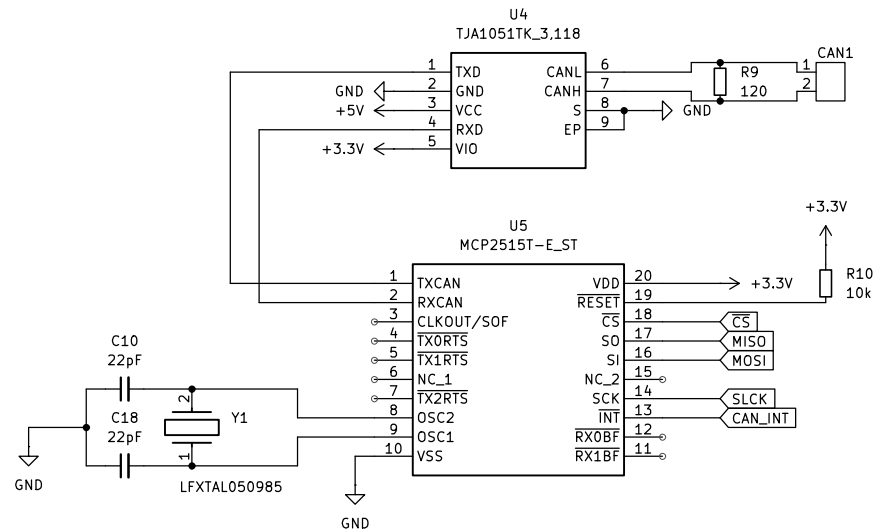
Sheet: /IMU/
 File: imu.kicad_sch

Title: IMU

Size: A4
 KiCad E.D.A. 8.0.8

Date:

Rev:
 Id: 4/8



Note: Use a 16MHz crystal (+ matching values for C10/C18) in order to achieve 1Mbit/s CAN bitrate

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Sheet: /CANBus/
File: can.kicad_sch

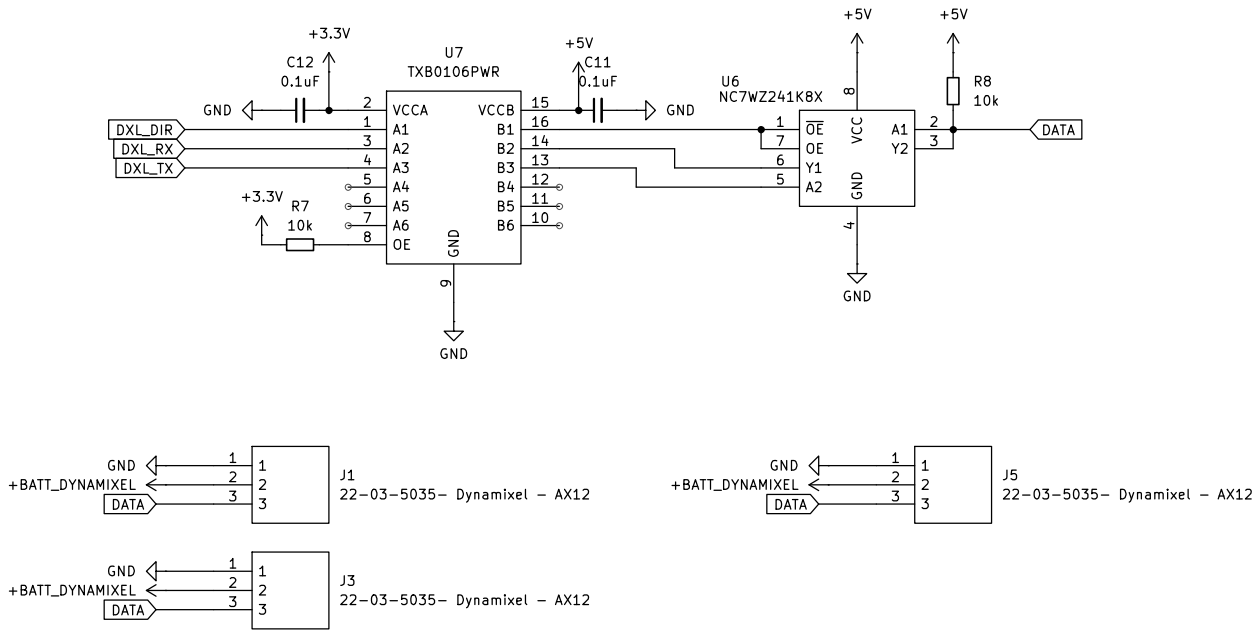
Title: CAN bus

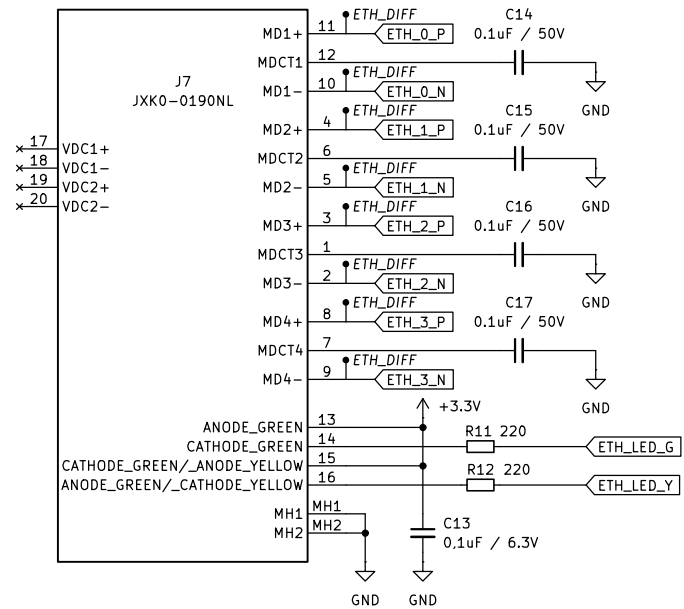
Size: A4
KiCad E.D.A. 8.0.8

Date:

Rev:

Id: 5/8





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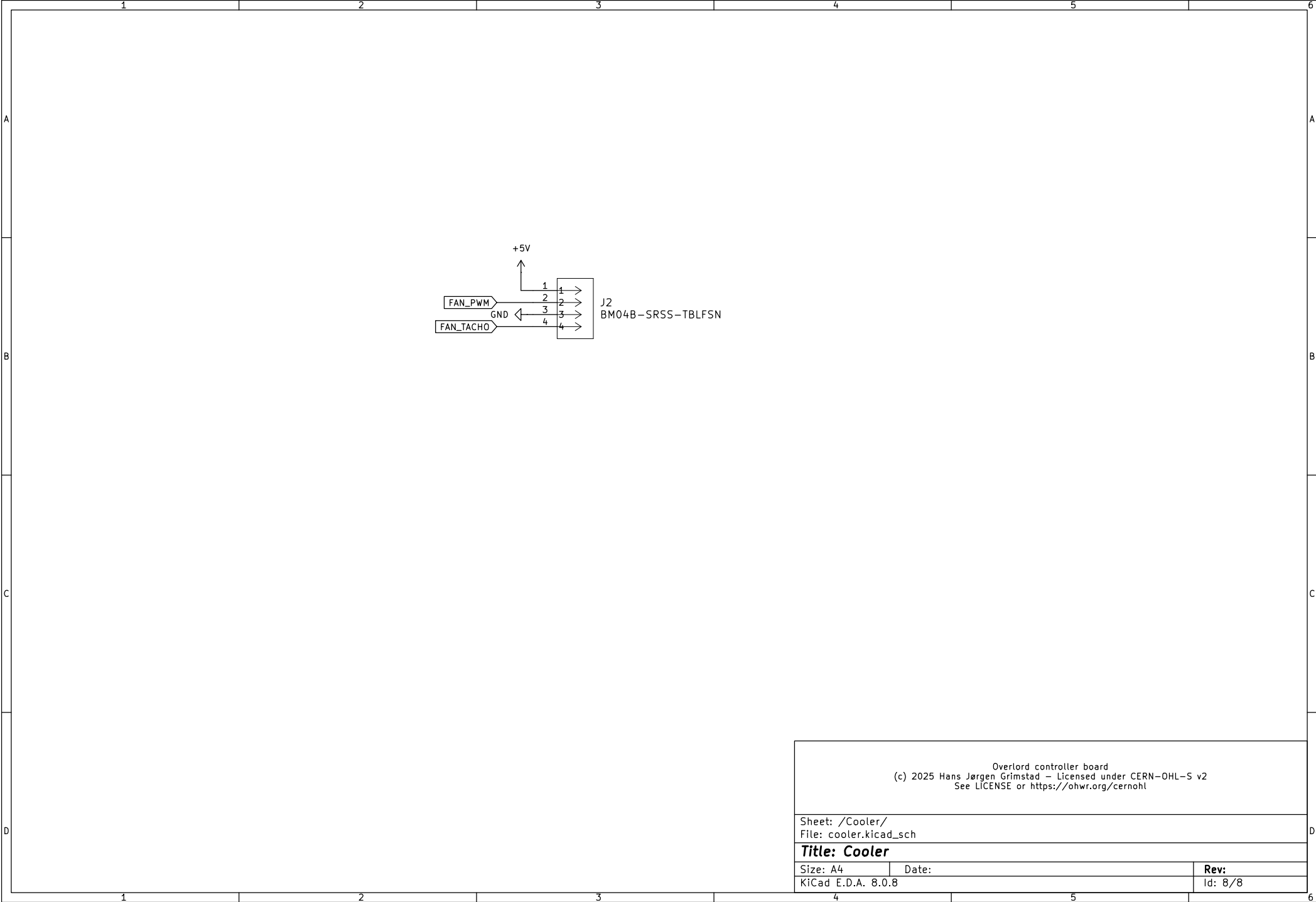
Sheet: /Ethernet/
File: ethernet.kicad_sch

Title: Ethernet

Size: A4
KiCad E.D.A. 8.0.8

Date:

Rev:
Id: 7/8



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Sheet: /Cooler/	
File: cooler.kicad_sch	
Title: Cooler	
Size: A4	Date:
KiCad E.D.A. 8.0.8	Rev: Id: 8/8