

A

A

Board-to-Board

File: board-to-board.kicad_sch

IO1

File: io1.kicad_sch

IO2

File: io2.kicad_sch

B

B

MR-MCXN-T1 IO

C

C

D

D

DESIGNER: YOURI TILS
CTO SYSTEM INNOVATIONS / MOBILE ROBOTICS DOMAIN
NXP SEMICONDUCTORS B.V.



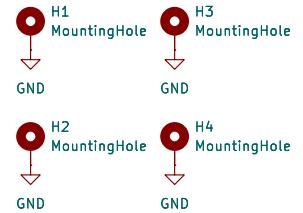
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Title: MR-MCXN-T1-IO

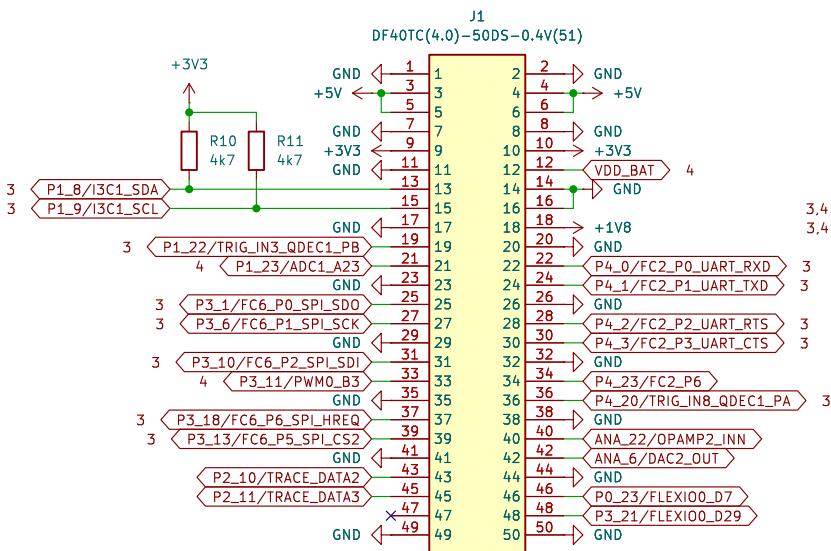
Size: A4 Date: 2025-10-13
KiCad E.D.A. 9.0.4

Rev: X0
Id: 1/4

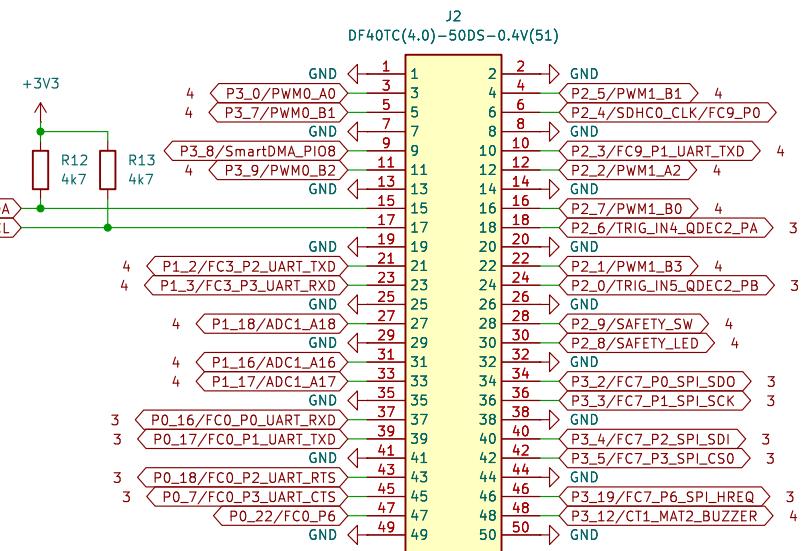
1 2 3 4 5 6



300mA max per pin
5V = 1A max
3V3 = 500mA max
1V8 = 200mA max



3,4 P1_0/FC3_P0_I2C_SDA
3,4 P1_1/FC3_P1_I2C_SCL



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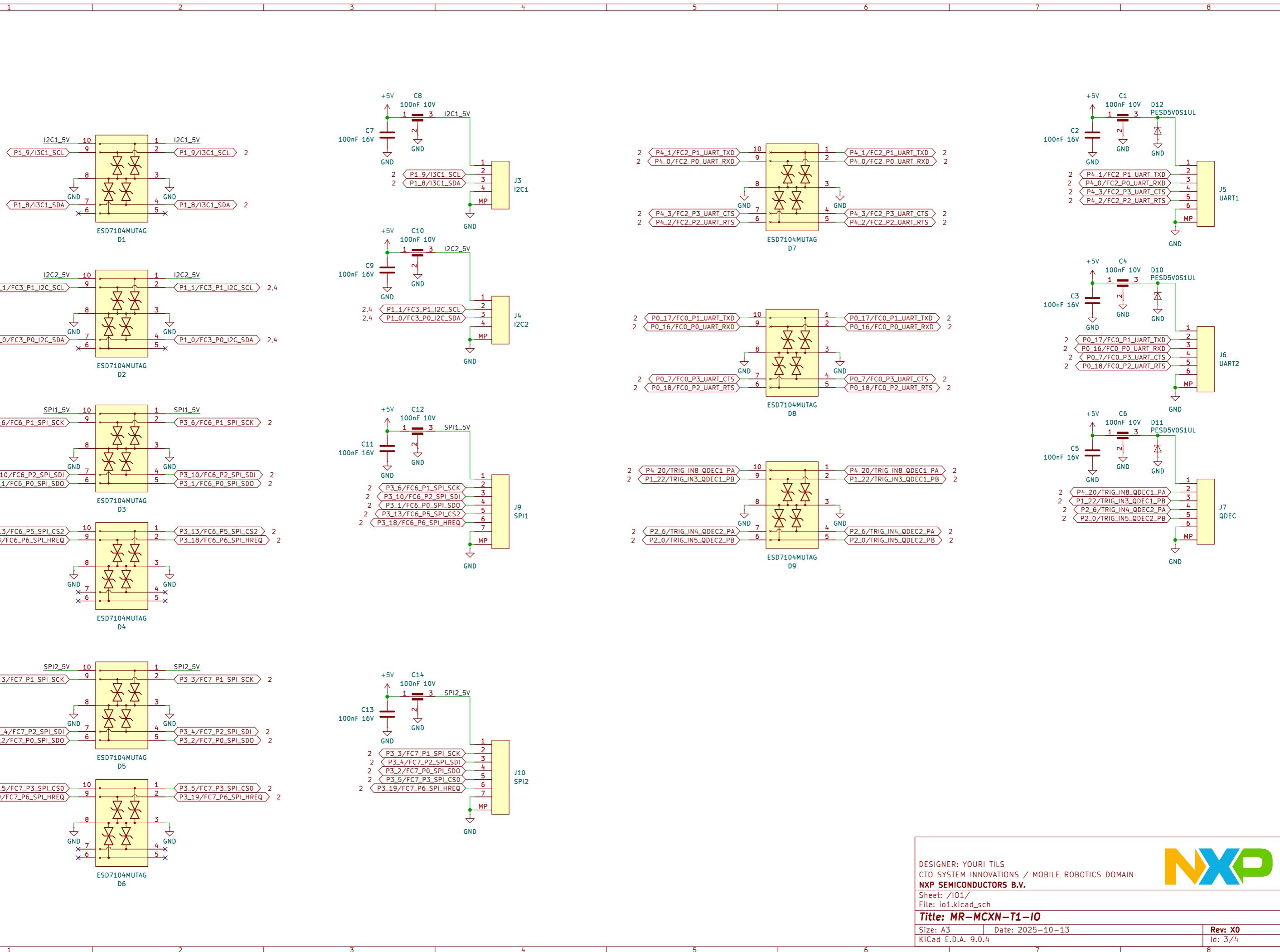
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Title: MR-MCXN-T1-10

Size: A4 Date: 2025-10-13
KiCad E.D.A. 9.0.4

Rev: X0
Id: 2/4

1 2 3 4 5 6



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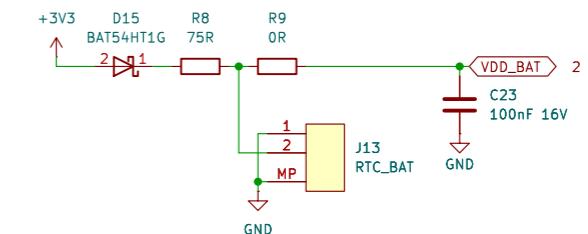
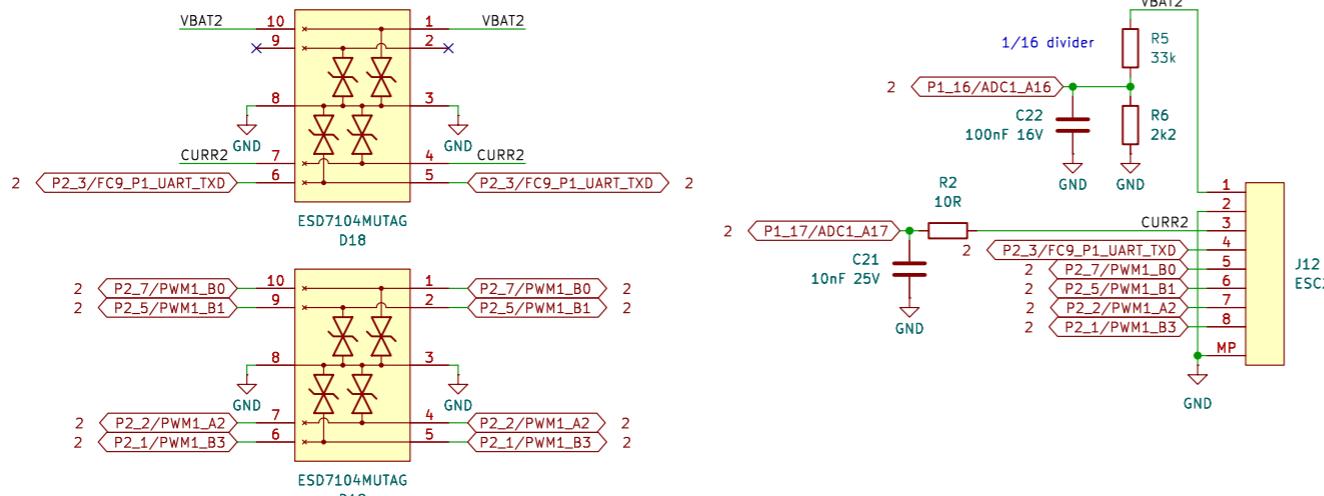
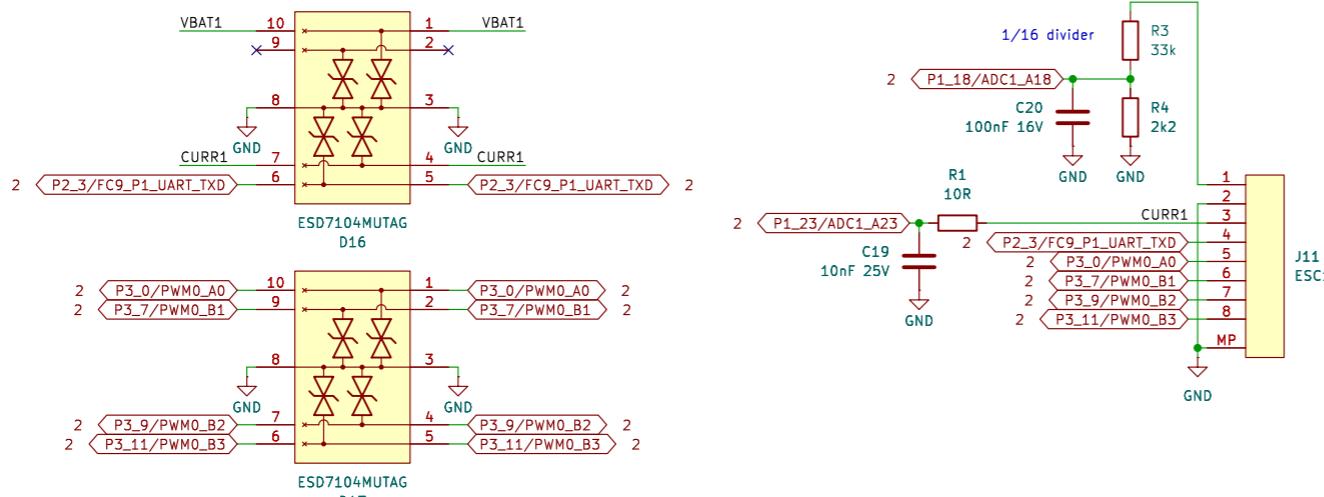
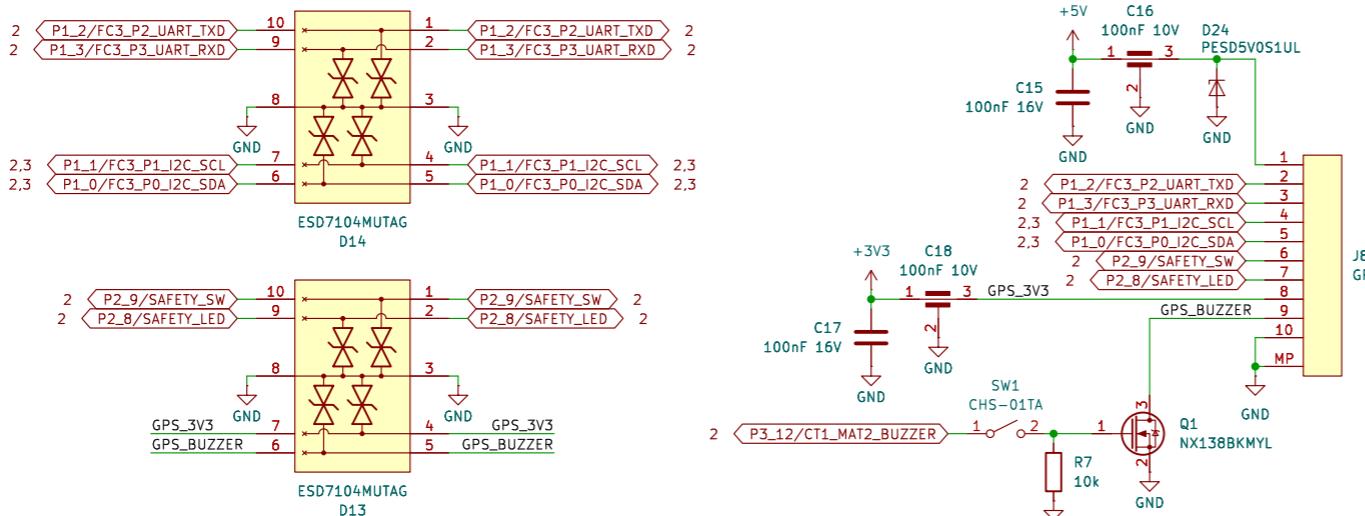
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Title: MR-MCXN-T1-I0

Size: A3 Date: 2025-10-13
KiCad E.D.A. 9.0.4

Rev: X0
Id: 3/4

1 2 3 4 5 6 7 8



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Sheet: /102/
File: io2.kicad_sch



Title: MR-MCXN-T1-10

Size: A3 Date: 2025-10-13
KiCad E.D.A. 9.0.4

Rev: X0
Id: 4/4