

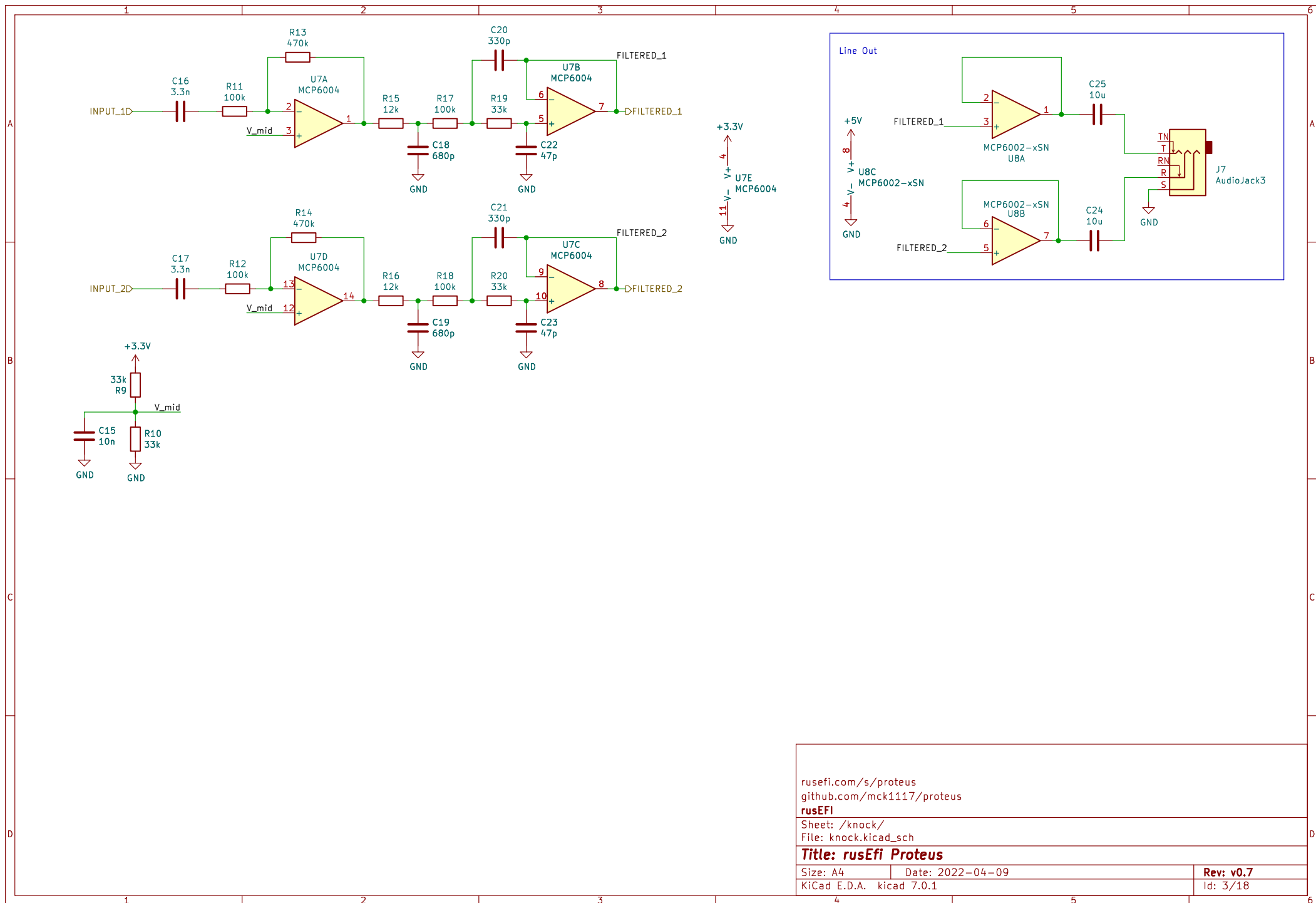
[rusefi.com/s/proteus](https://rusefi.com/s/proteus)  
[github.com/mck1117/proteus](https://github.com/mck1117/proteus)  
**rusEFI**

Sheet: /psu/  
 File: psu.kicad\_sch

**Title: rusEfi Proteus**

Size: A4      Date: 2022-04-09  
 KiCad E.D.A.      kicad 7.0.1

**Rev: v0.7**  
 Id: 2/18



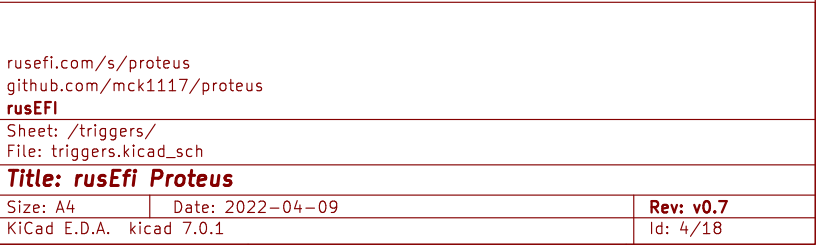
[rusefi.com/s/proteus](https://rusefi.com/s/proteus)  
[github.com/mck1117/proteus](https://github.com/mck1117/proteus)  
**rusEFI**

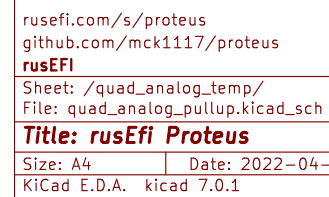
Sheet: /knock/  
 File: knock.kicad\_sch

**Title: rusEFI Proteus**

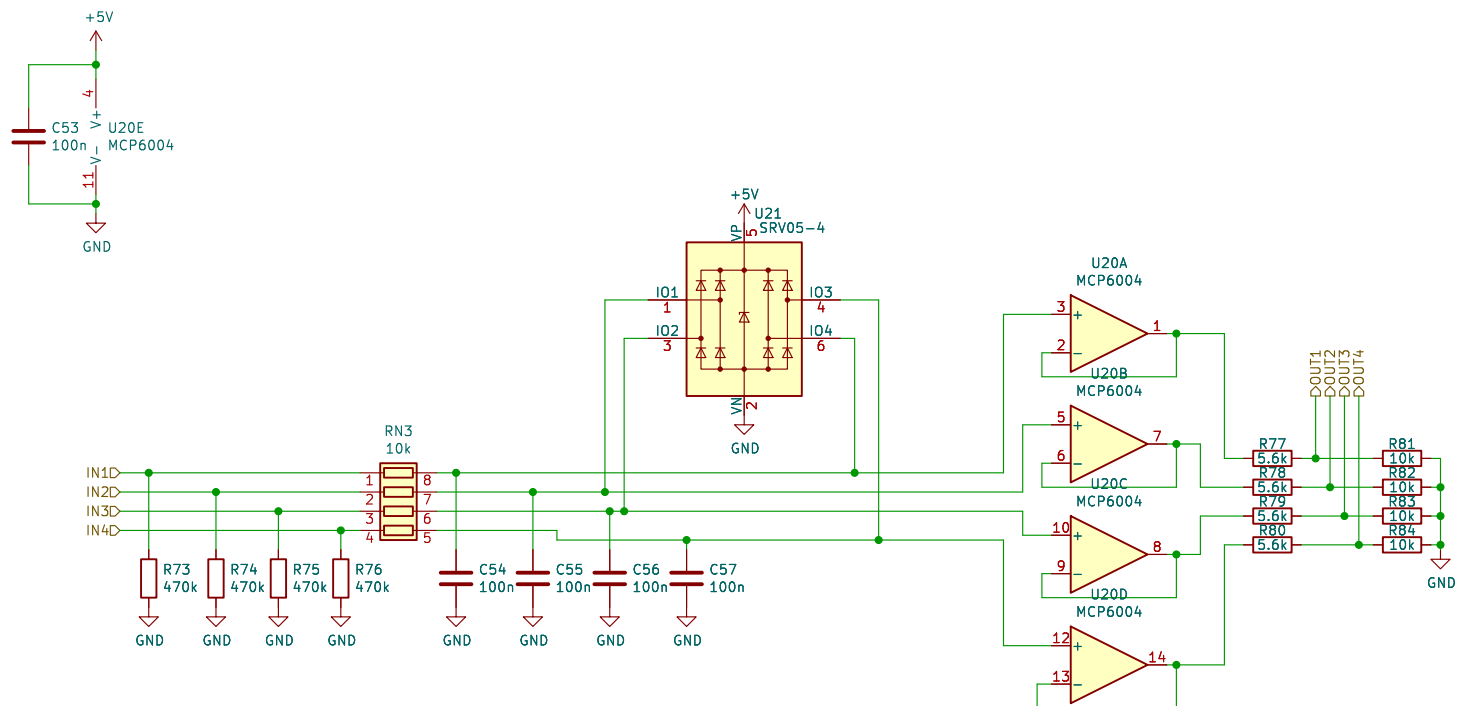
Size: A4      Date: 2022-04-09  
 KiCad E.D.A. kicad 7.0.1

Rev: v0.7  
 Id: 3/18





Rev: v0.7  
Id: 6/18



[rusefi.com/s/proteus](https://rusefi.com/s/proteus)  
[github.com/mck1117/proteus](https://github.com/mck1117/proteus)  
**rusEFI**

Sheet: /quad\_analog2/  
 File: quad\_analog.kicad\_sch

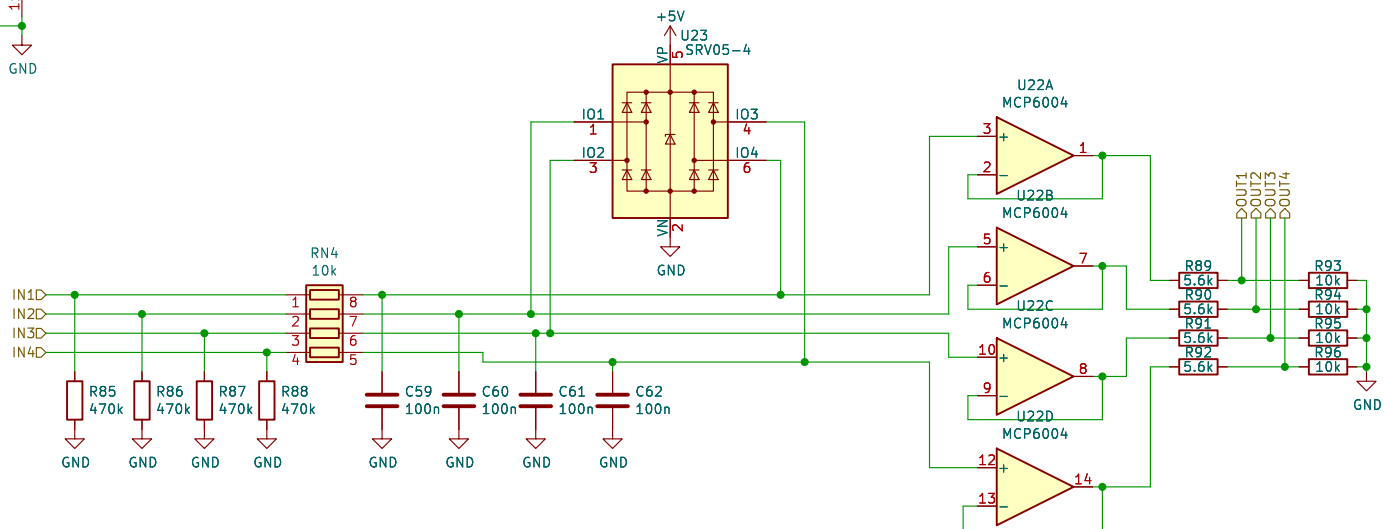
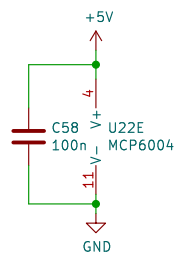
**Title: rusEfi Proteus**

Size: A4  
 KiCad E.D.A. kicad 7.0.1

Date: 2022-04-09

Rev: v0.7

Id: 7/18



[rusefi.com/s/proteus](https://rusefi.com/s/proteus)  
[github.com/mck1117/proteus](https://github.com/mck1117/proteus)  
**rusEFI**

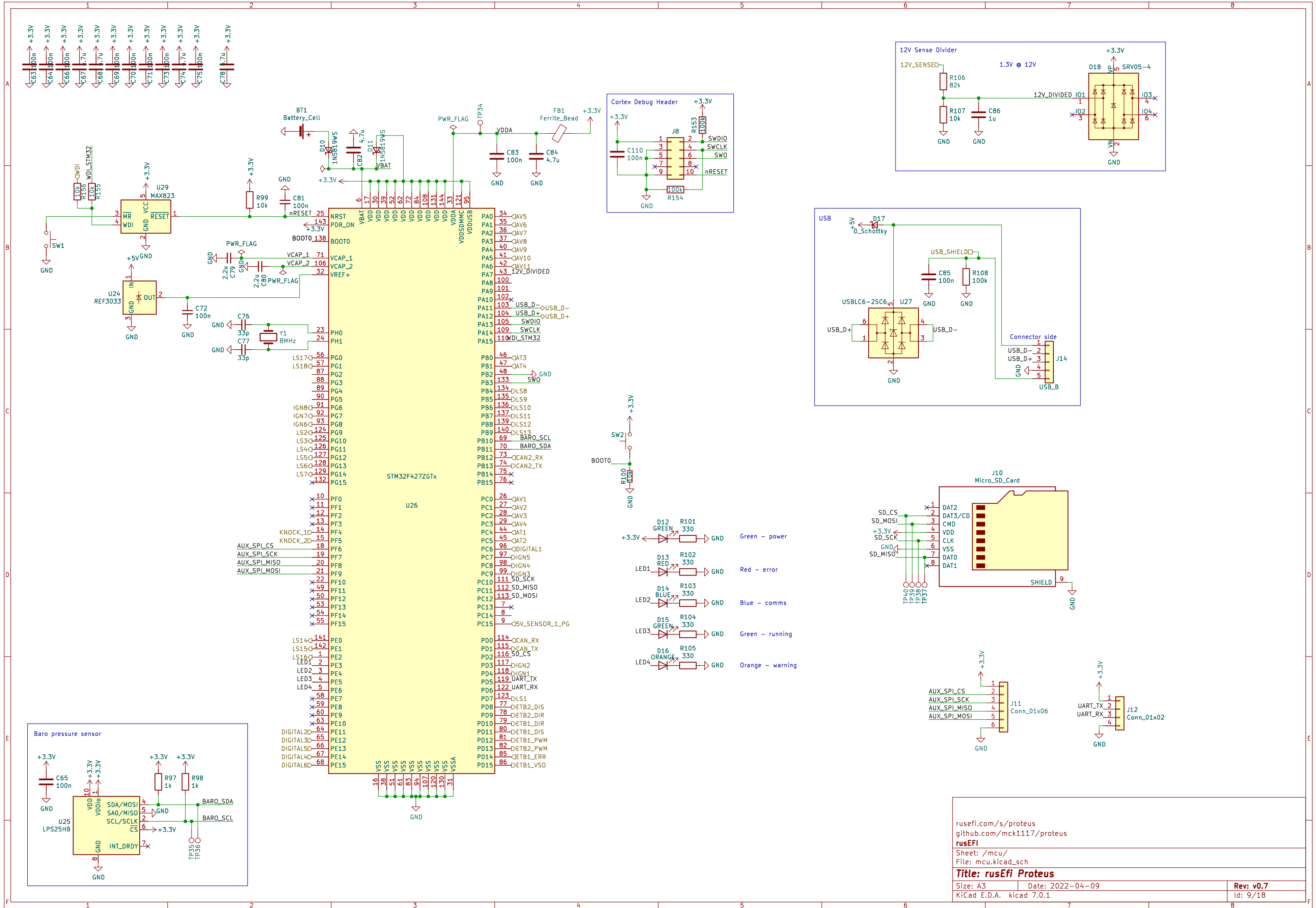
Sheet: /quad\_analog3/  
 File: quad\_analog.kicad\_sch

**Title: rusEfi Proteus**

Size: A4      Date: 2022-04-09  
 KiCad E.D.A. kicad 7.0.1

Rev: v0.7  
 Id: 8/18





[rusefi.com/s/proteus](https://rusefi.com/s/proteus)  
[github.com/mck1117/proteus](https://github.com/mck1117/proteus)

rusEFI

Sheet: /mcu/

File: mcu.kicad\_sch

**Title: rusEfi Proteus**

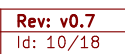
Size: A3

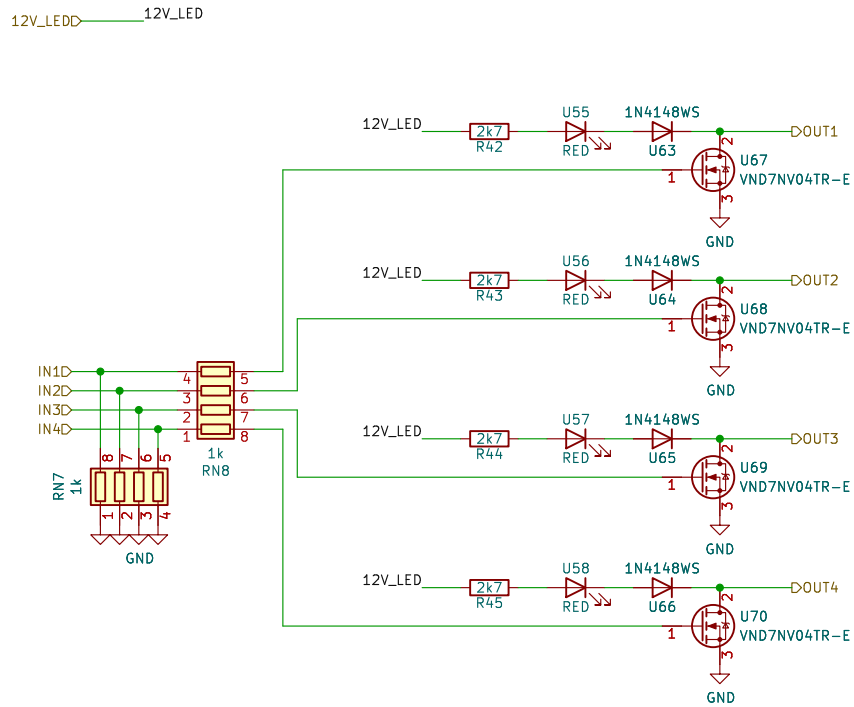
Date: 2022-04-09

Rev: v0.7

KiCad E.D.A. kicad 7.0.1

Id: 9/18





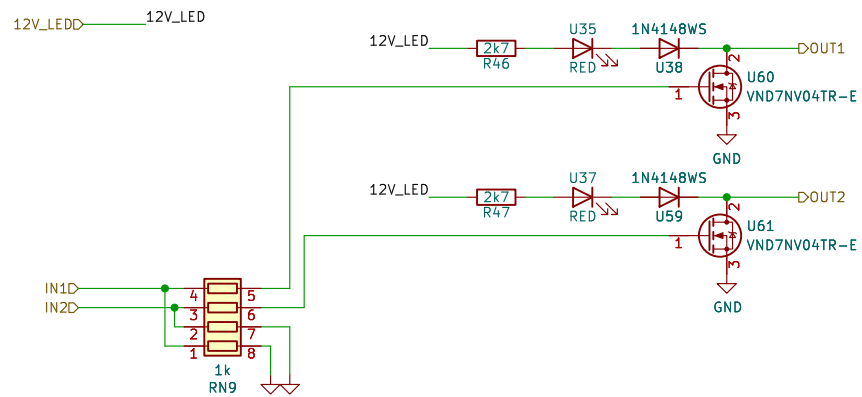
[rusefi.com/s/proteus](https://rusefi.com/s/proteus)  
[github.com/mck1117/proteus](https://github.com/mck1117/proteus)  
**rusEFI**

Sheet: /lowside\_quad2/  
 File: lowside\_quad.kicad\_sch

**Title: rusEFI Proteus**

Size: A4      Date: 2022-04-09  
 KiCad E.D.A. kicad 7.0.1

Rev: v0.7  
 Id: 11/18



[rusefi.com/s/proteus](https://rusefi.com/s/proteus)  
[github.com/mck1117/proteus](https://github.com/mck1117/proteus)  
**rusEFI**

Sheet: /lowside\_dual1/  
 File: lowside\_dual.kicad\_sch

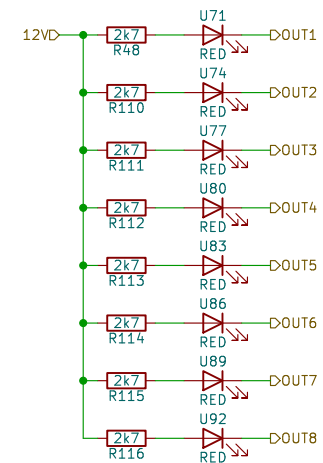
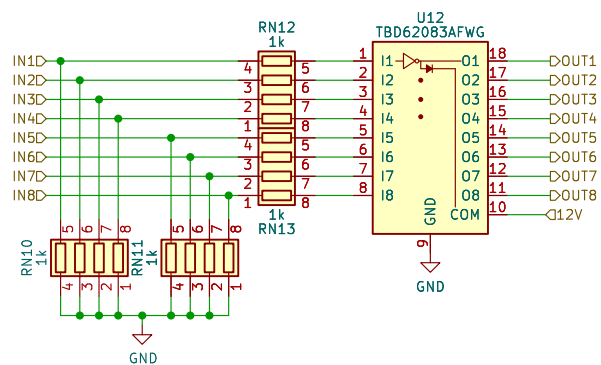
**Title: rusEFI Proteus**

Size: A4 Date: 2022-04-09

KiCad E.D.A. kicad 7.0.1

**Rev: v0.7**

Id: 12/18



[rusefi.com/s/proteus](https://rusefi.com/s/proteus)  
[github.com/mck1117/proteus](https://github.com/mck1117/proteus)  
**rusEFI**

Sheet: /lowside\_uln2003-1/  
 File: lowside\_uln2003.kicad\_sch

**Title: rusEFI Proteus**

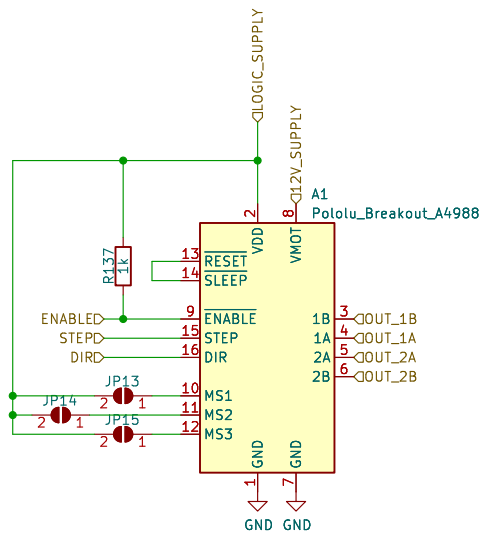
Size: A4 Date: 2022-04-09

KiCad E.D.A. kicad 7.0.1

**Rev: v0.7**

Id: 13/18





Sheet: /stepper-A4988/  
File: stepper.kicad\_sch

**Title:**

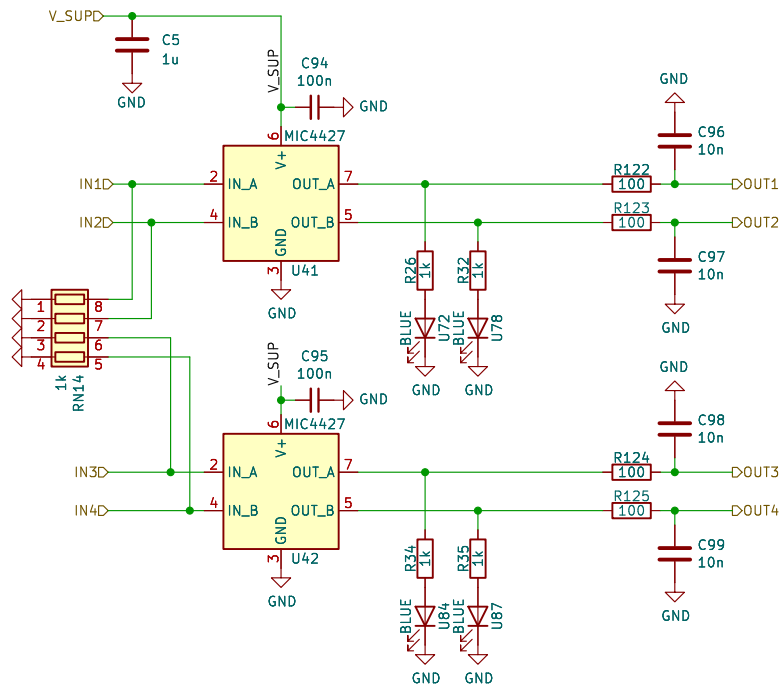
Size: A4

Date:

KiCad E.D.A. kicad 7.0.1

**Rev:**

Id: 15/18



Output resistance typ. 7 Ohm  
 SOIC8 @ 85C Amb. and 155 C/W, T<sub>J,max</sub>=150C  
 Power max. 420mW /2 = ~210mW  
 -> I=sqrt(P/R)=0.17A

rusefi.com/s/proteus  
 github.com/mck1117/proteus  
**rusEFI**

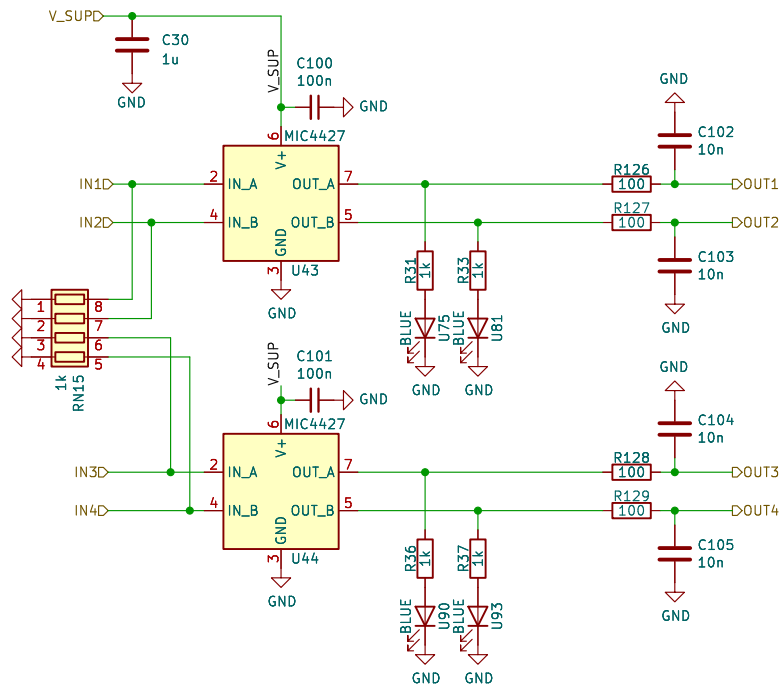
Sheet: /ign1/  
 File: ign4.kicad\_sch

**Title: rusEFI Proteus**

Size: A4 Date: 2022-04-09  
 KiCad E.D.A. kicad 7.0.1

**Rev: v0.7**  
 Id: 16/18





Output resistance typ. 7 Ohm  
 SOIC8 @ 85C Amb. and 155 C/W, T<sub>J,max</sub>=150C  
 Power max. 420mW /2 = ~210mW  
 -> I=sqrt(P/R)=0.17A

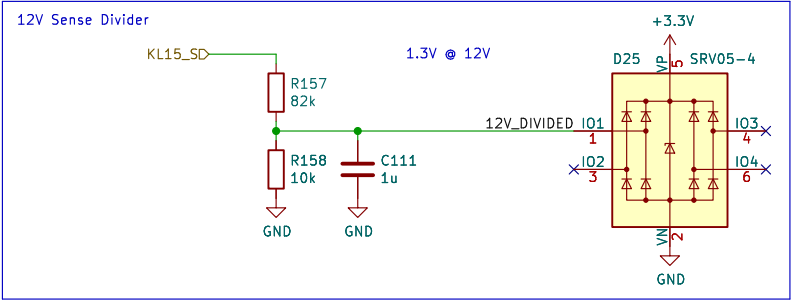
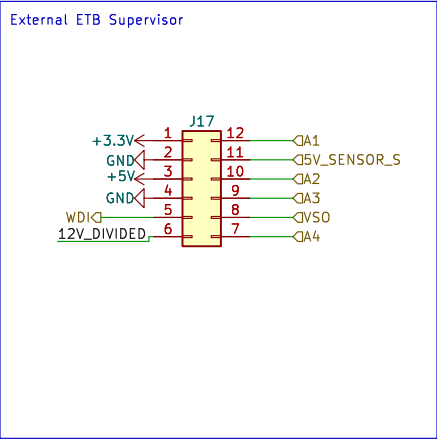
[rusefi.com/s/proteus](https://rusefi.com/s/proteus)  
[github.com/mck1117/proteus](https://github.com/mck1117/proteus)  
**rusEFI**

Sheet: /ign2/  
 File: ign4.kicad\_sch

**Title: rusEfi Proteus**

Size: A4 Date: 2022-04-09  
 KiCad E.D.A. kicad 7.0.1

**Rev: v0.7**  
 Id: 17/18



Sheet: /etb-supervisor/  
File: etbsupervisor.kicad\_sch

**Title:**

Size: A4

Date:

KiCad E.D.A. kicad 7.0.1

**Rev:**

Id: 18/18