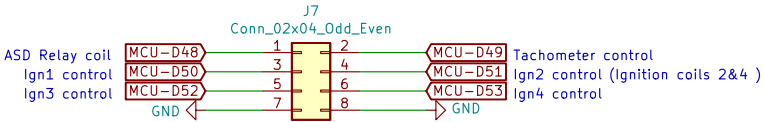
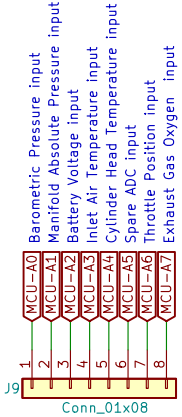
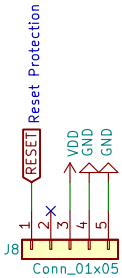
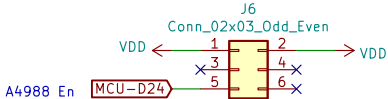
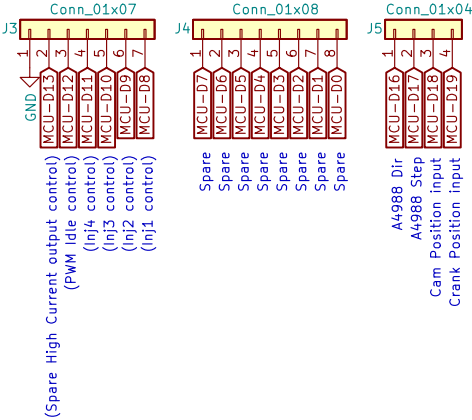


Header pin connections to Arduino Mega 2560 header sockets



Sheet: Power



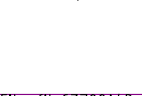
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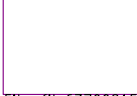
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File: file63700A4D.sch

Sheet: Connectors



File: file63700915.sch

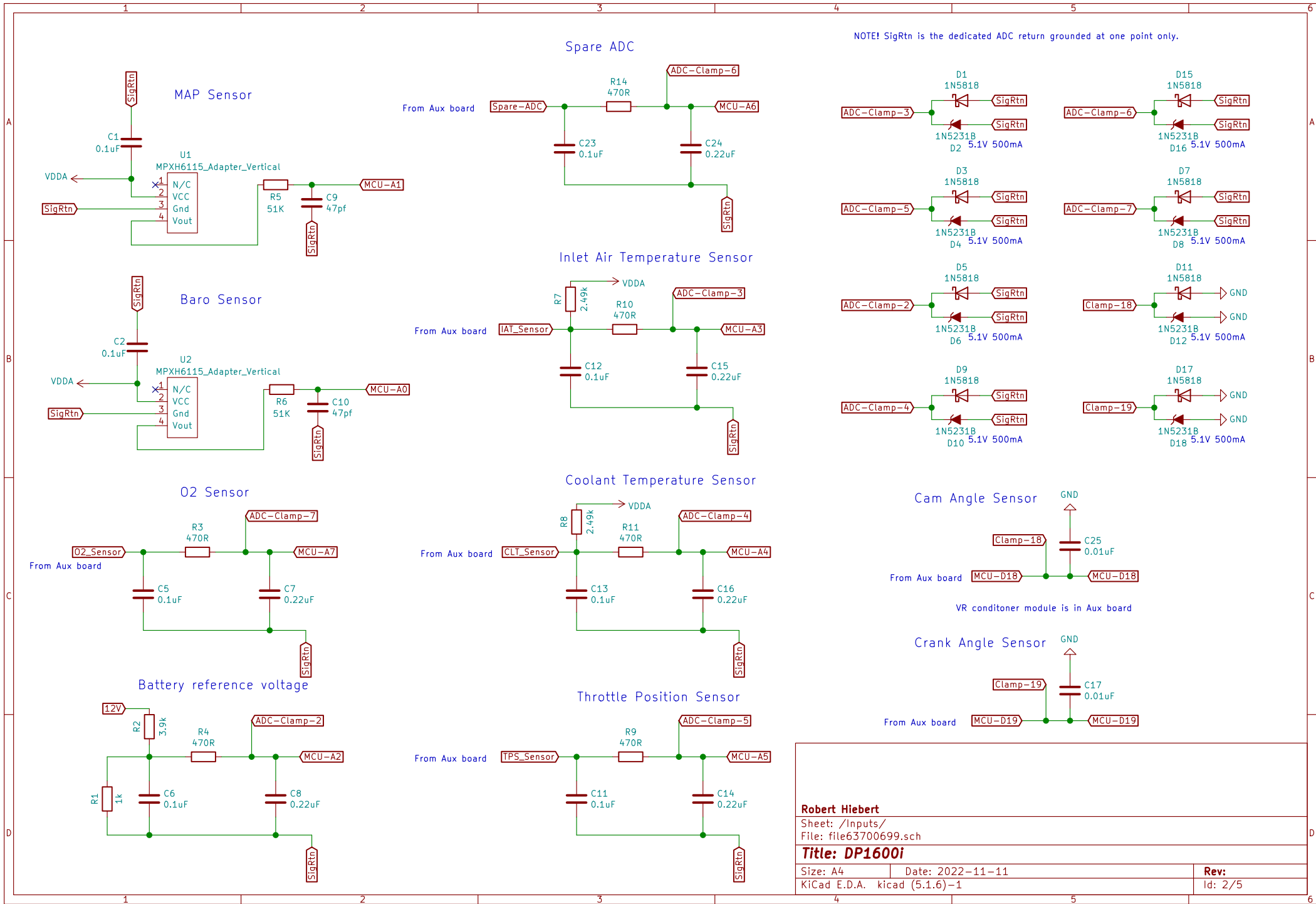
Robert Hiebert

Sheet: /
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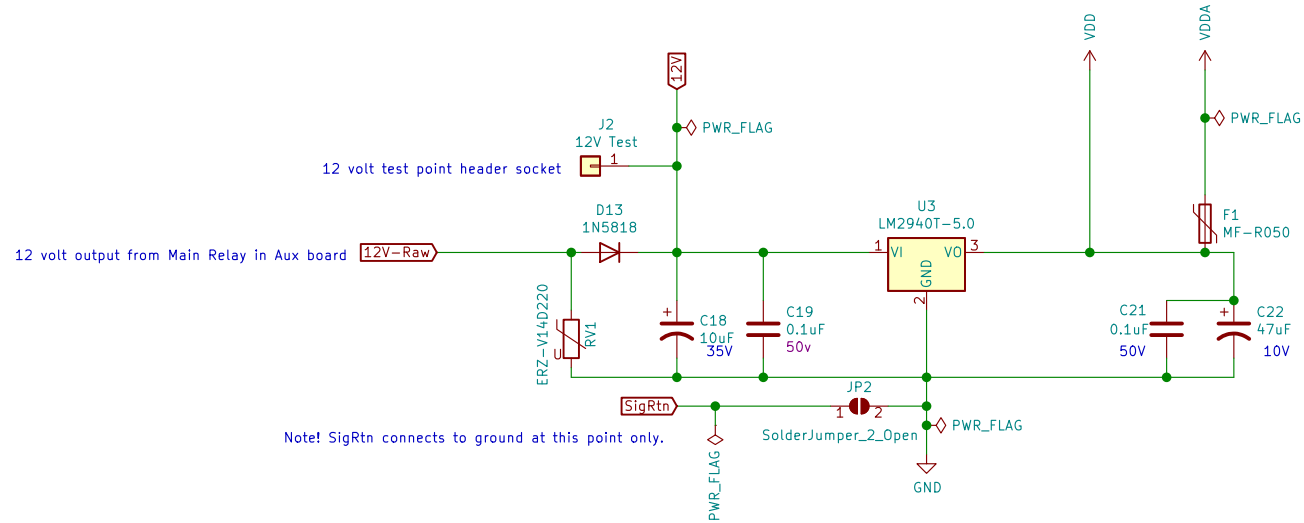
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Rev:
Id: 1/5

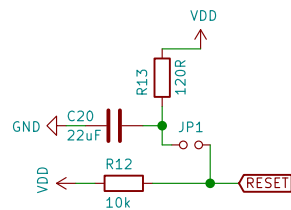


5 Volt Power Regulator



Reset Protection

Refer AVR040 Application Note



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Sheet: /Power/
File: file637007D4.sch

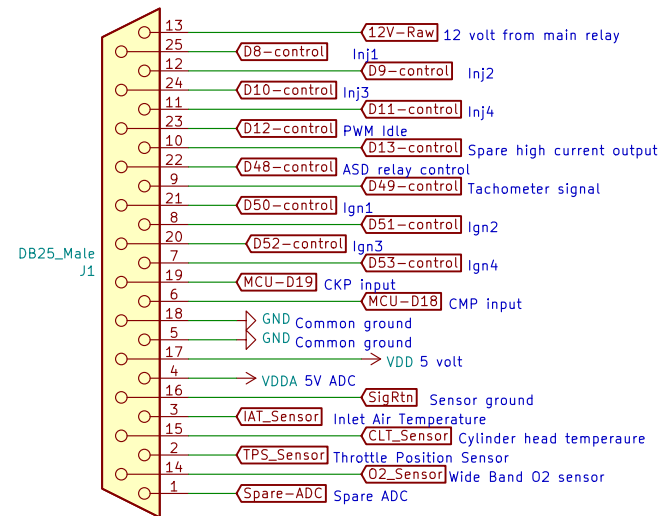
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Size: A4 Date: 2022-11-11

KiCad E.D.A. kicad (5.1.6)-1

Rev:
Id: 3/5

DB25 connections to DP1600iAuxBot board



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Sheet: /Connectors/
File: file63700915.sch

Title: DP1600i

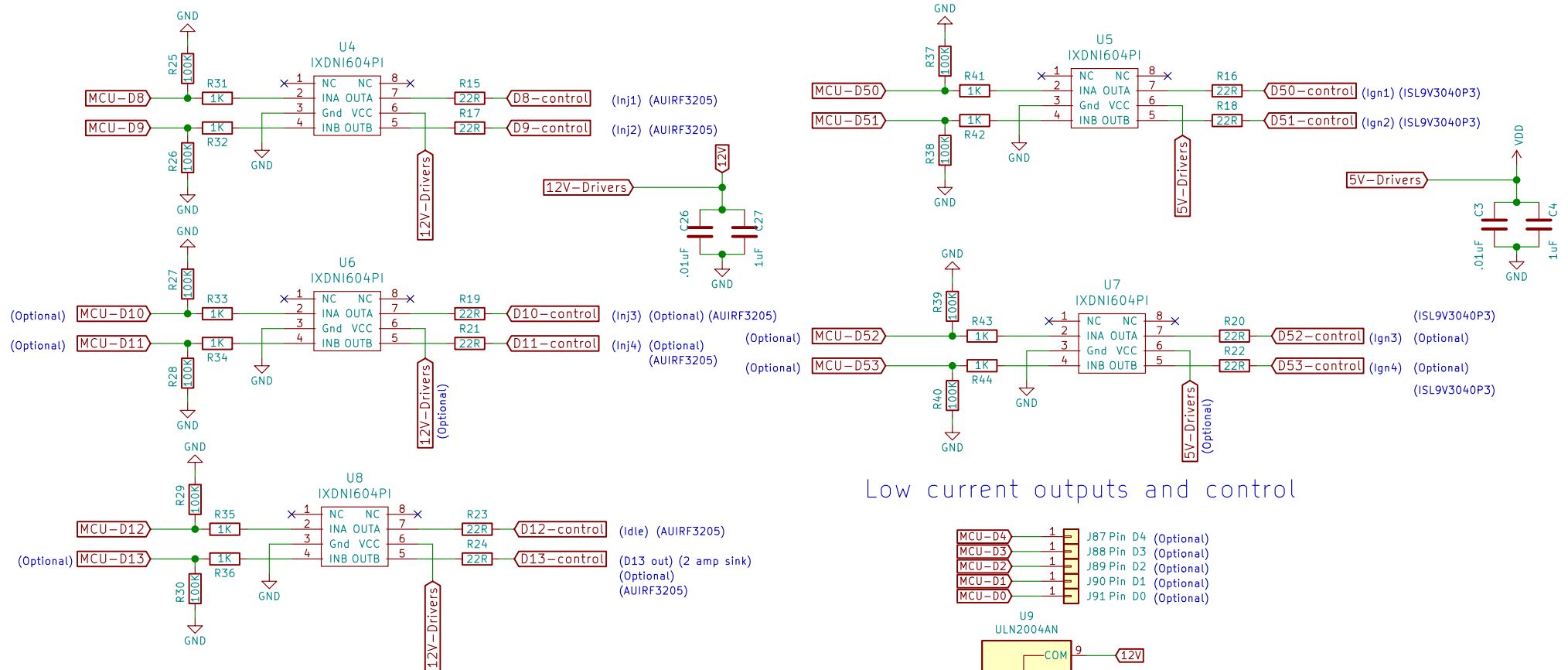
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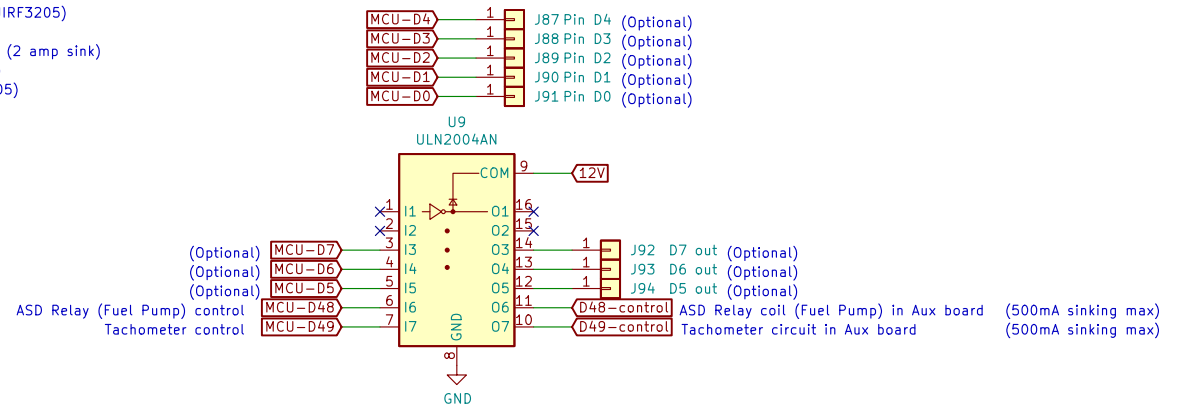
Rev:

Id: 4/5

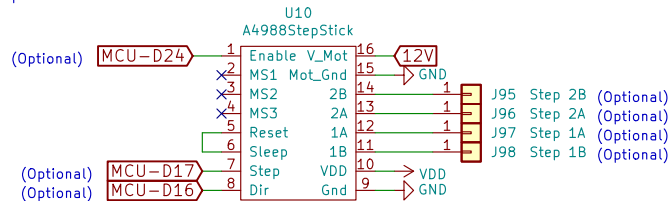
High current output drivers control



Low current outputs and control



Stepper motor idle control (Optional)



MCU-D8 (Inj1) Pin default Low, Hi to energise injector, Lo to de-energise injector.

MCU-D9 (Inj2) Pin default Low, Hi to energise injector, Lo to de-energise injector.

MCU-D51 (Ign1) Pin default Low, Hi to energise coil, Lo to de-energise coil.

MCU-D52 (Ign2) Pin default Low, Hi to energise coil, Lo to de-energise coil.

MCU-D48 (ASD Relay) Pin default Low, Hi to energise relay, Lo to de-energise relay.

eMCU-D49 (Tachometer) Pin default Low, Goes Hi after boot sequence.

Goes Lo at start of dwell, goes Hi at end of dwell.

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Sheet: /Outputs/
File: file63700A4D.sch

Title: DP1600i

Size: A4 Date: 2022-11-11

KiCad E.D.A. kicad (5.1.6)-1

Rev:

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