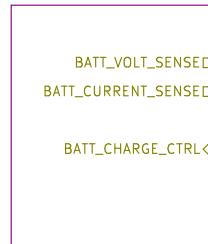
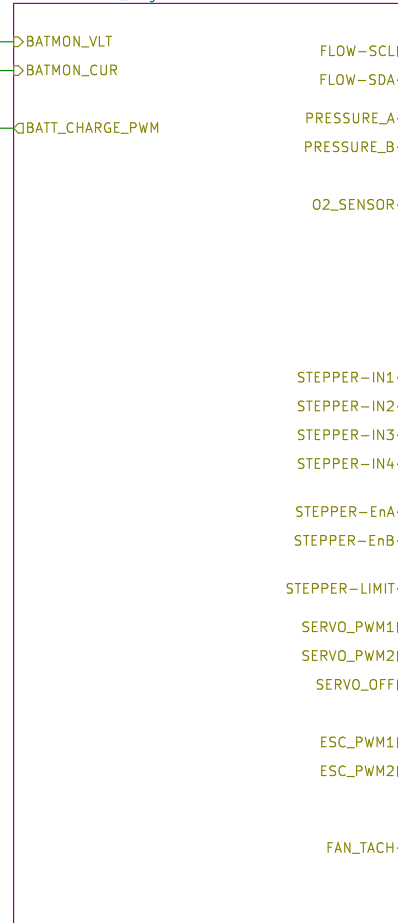


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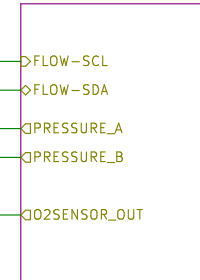
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Sheet: arduino_mega



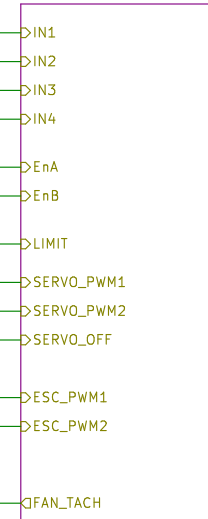
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Sheet: Sheet5E9ADB54



File: sensors.sch

Sheet: Sheet5E8D3A49



File: controls.sch

MTL Ventilator

Sheet: /

File: ventilator_shield.sch

Title: Breeze Ventilator Electronics Board

Size: A

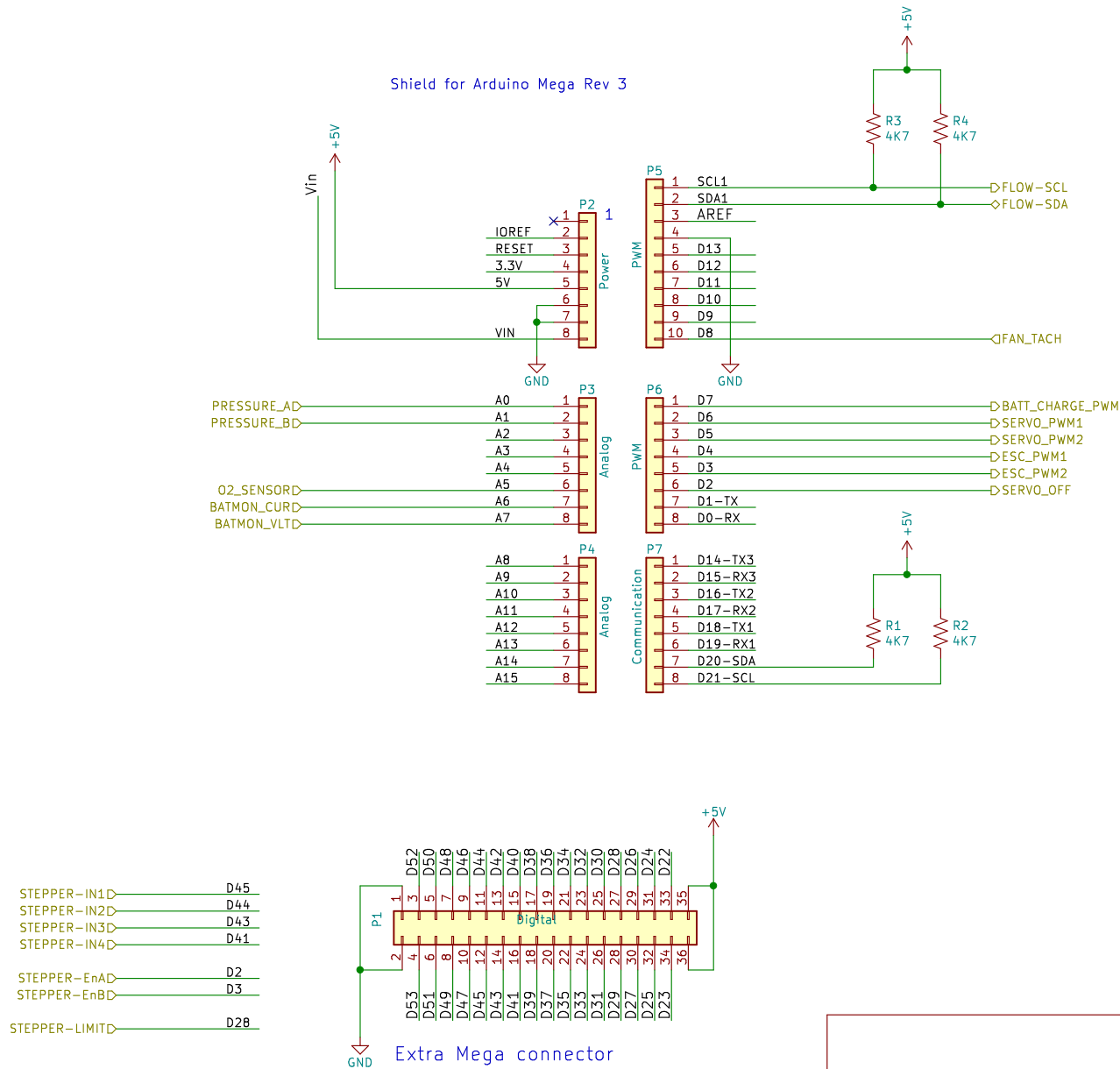
Date: mar. 31 mars 2015

Rev:

KiCad E.D.A. kicad (5.1.5)-3

Id: 1/5

Shield for Arduino Mega Rev 3



MTL Ventilator

Sheet: /arduino_mega/
File: arduino_mega.sch

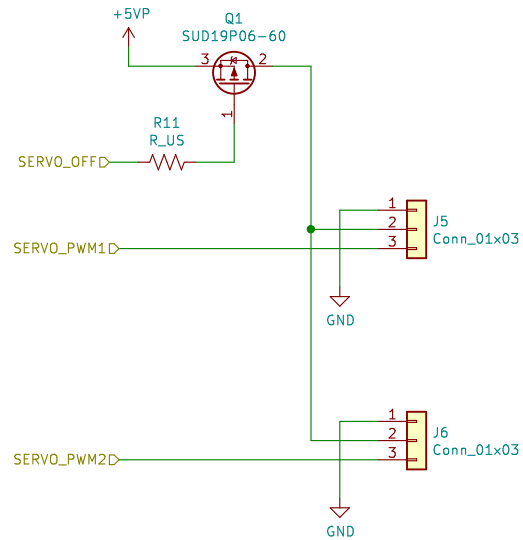
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Size: A
KiCad E.D.A. kicad (5.1.5)-3

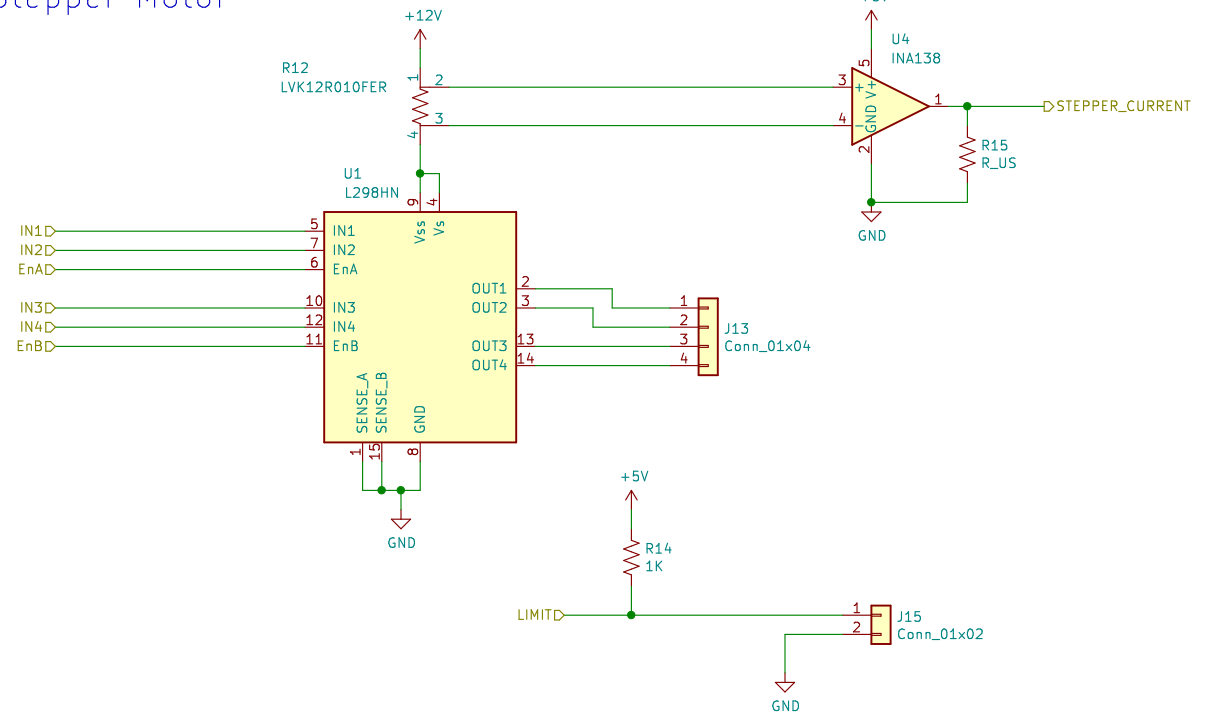
Date:

Rev:
Id: 2/5

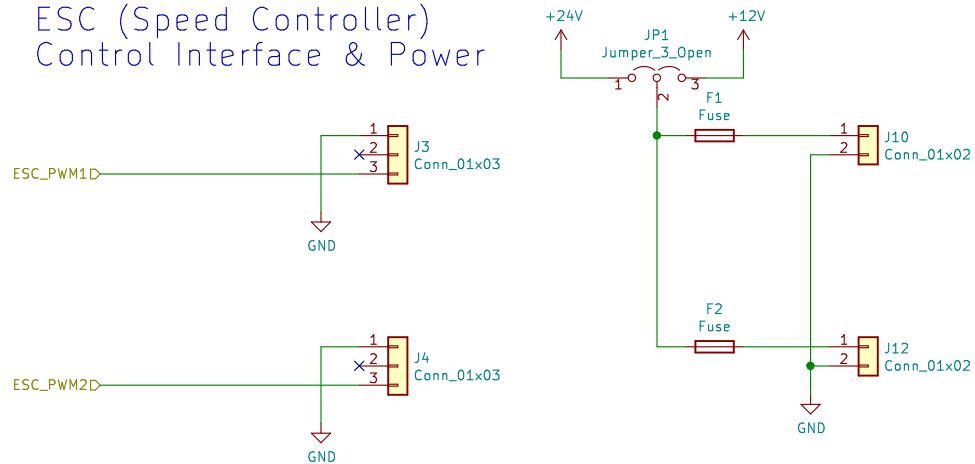
Servo Interface



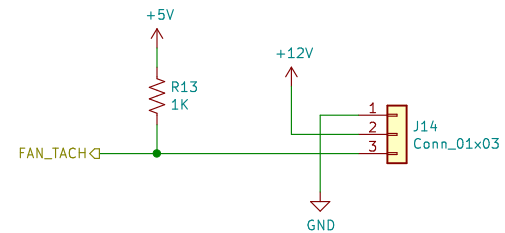
Stepper Motor



ESC (Speed Controller) Control Interface & Power



Fan



MTL Ventilator

Sheet: /Sheet5E8D3A49/
File: controls.sch

Title: Breeze Ventilator Electronics Board

Size: A

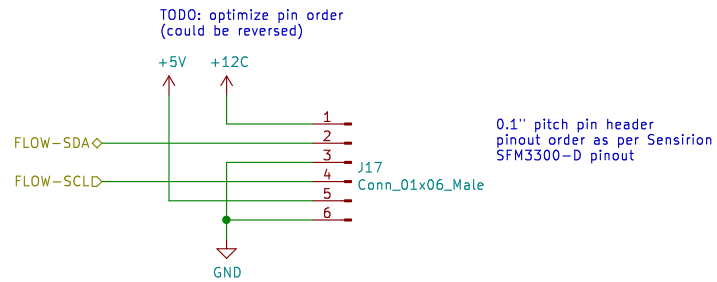
Date:

KiCad E.D.A. kicad (5.1.5)-3

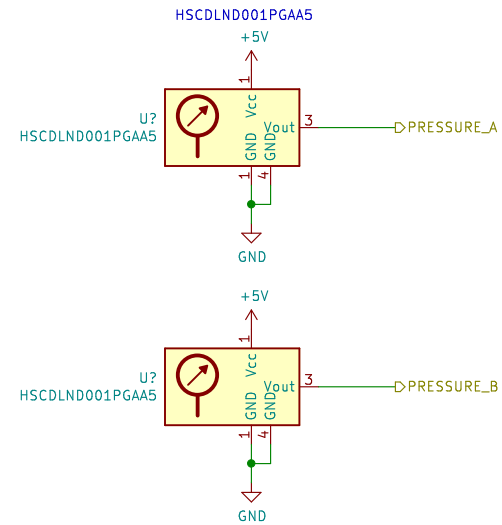
Rev:

Id: 3/5

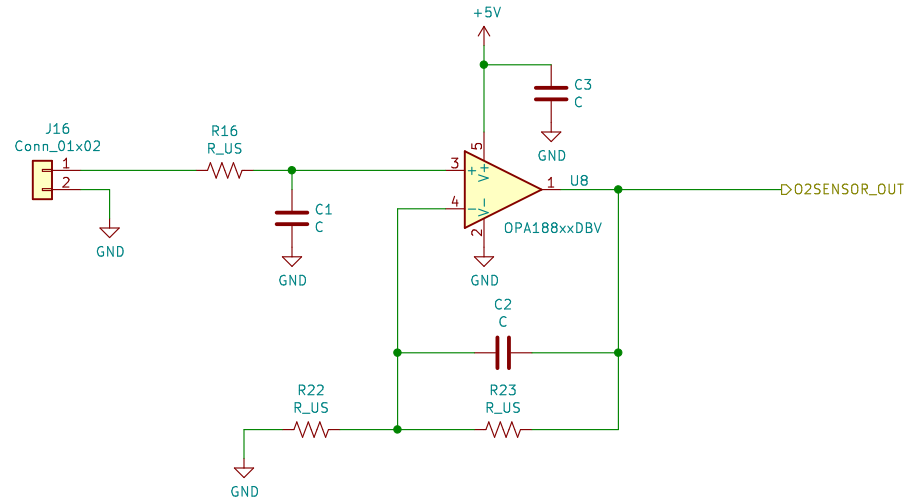
Flow Sensor Interface



Pressure Sensor Interface



O2 Sensor Interface



TBD
filtering on sensor power

TBD: O2 sensor signal range,
component values

MTL Ventilator

Sheet: /Sheet5E9ADB54/
File: sensors.sch

Title: Breeze Ventilator Electronics Board

Size: A

Date:

Rev:

KiCad E.D.A. kicad (5.1.5)-3

Id: 4/5

