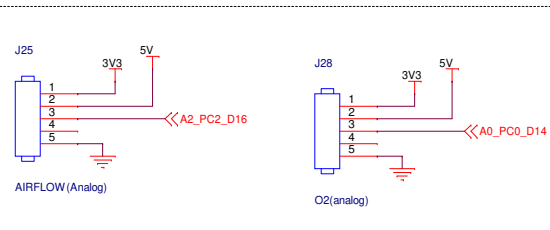
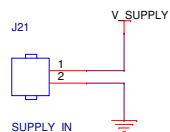
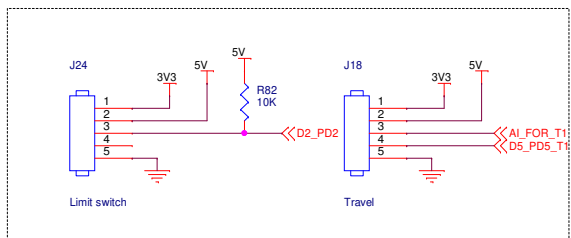
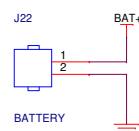


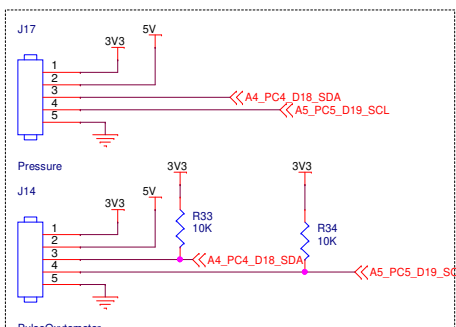
Title		
Control Ventilator		
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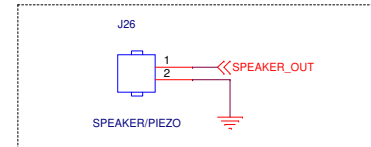
Analog Input need to add amp-op for scaling signal



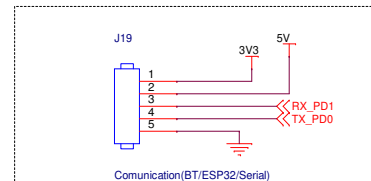
Ports for Mesuring where the piston is.
Start point and Travel



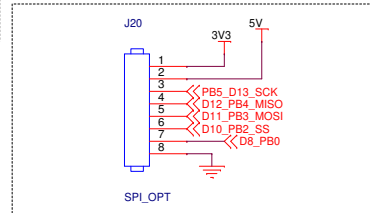
Common I2C port for pressure sensor (BME280) and PulseOximeter



Port for Alarm signal either a piezo or speaker

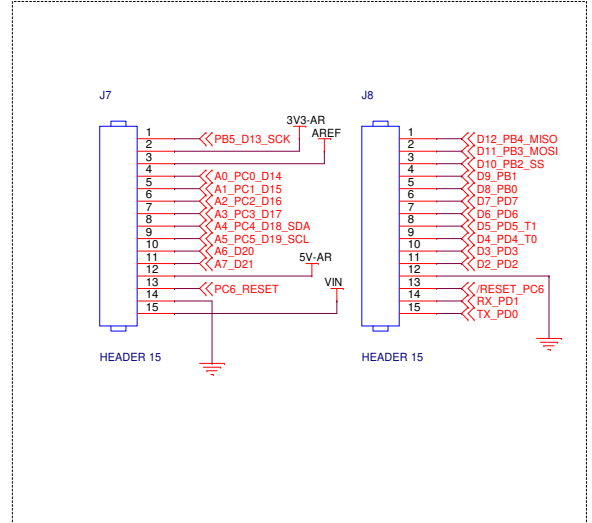


Communication port to connect any UART device

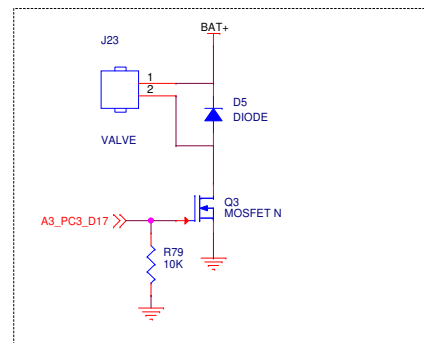
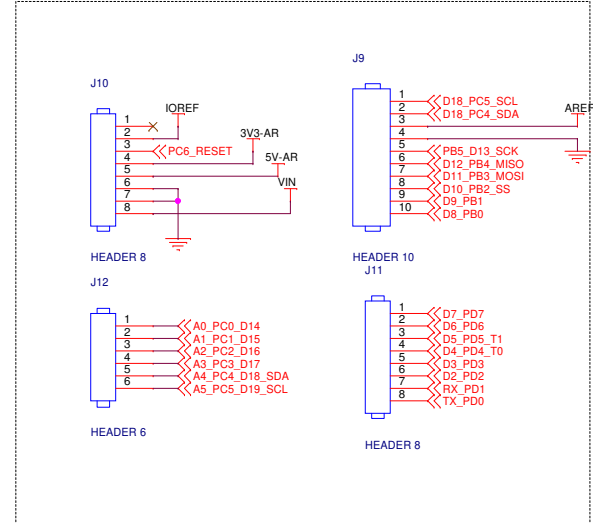


Optionnal SPI port

Arduino Nano

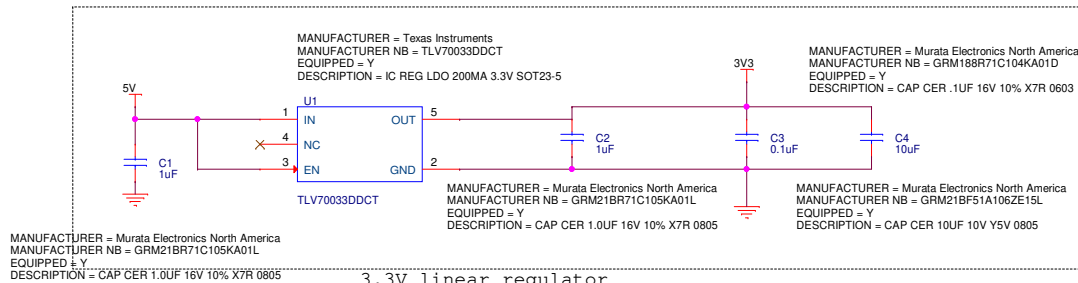


Arduino STD



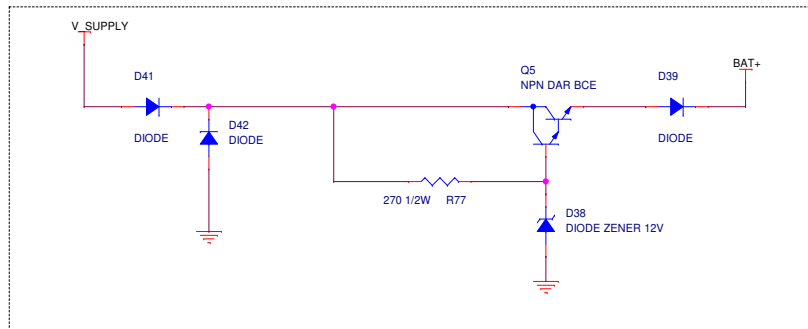
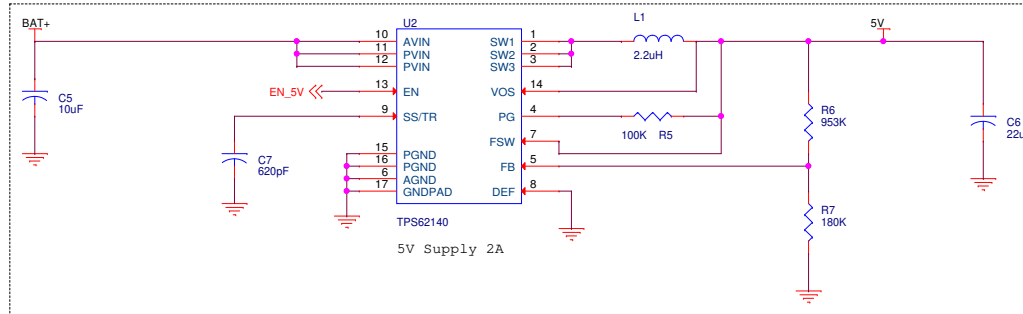
Switch to activate air valve

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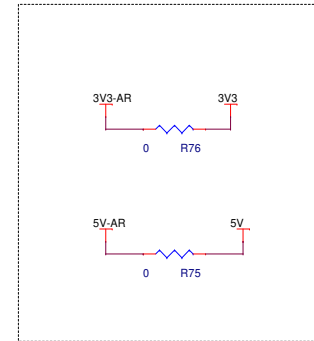


3.3V linear regulator

DC/DC 5V 2A regulator

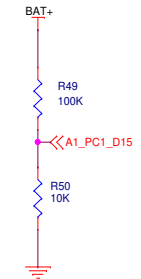


Battery Charger 12V and protection

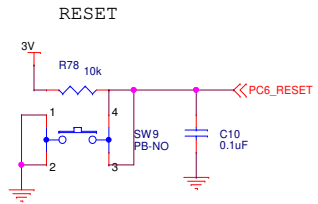
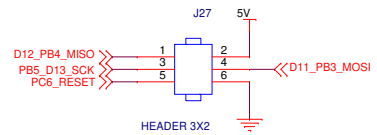
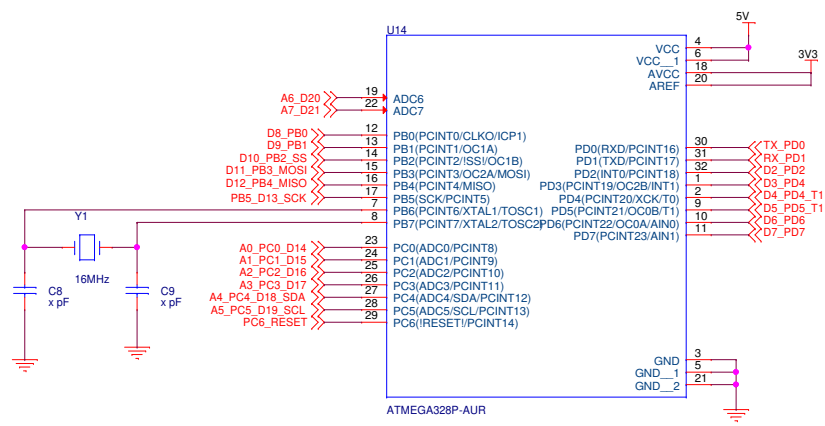


5V and 3.3V bridge
if PS IC aren't there and
come from external ARDUINO

Monitor Battery



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