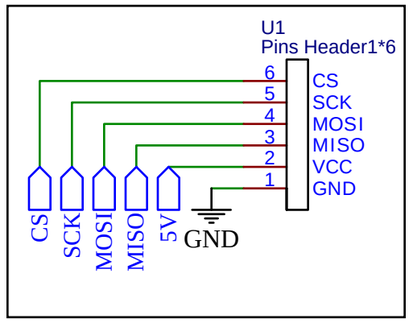
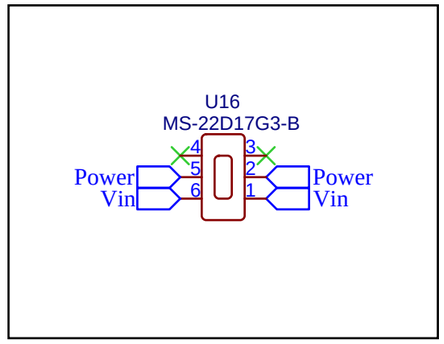
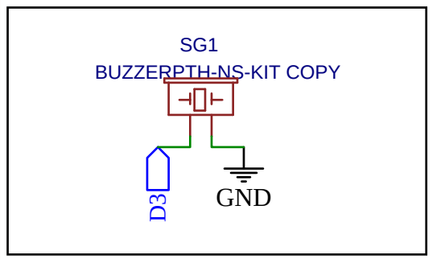
SD Card Pinouts



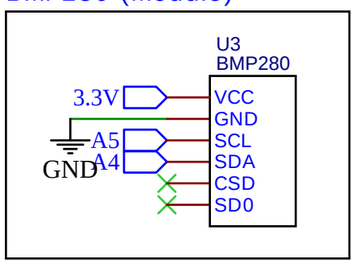
Switch



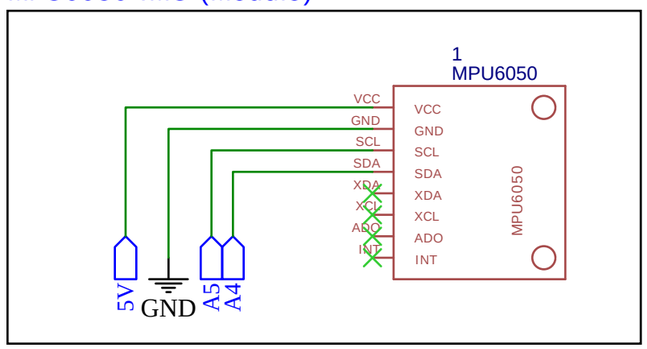
Buzzer



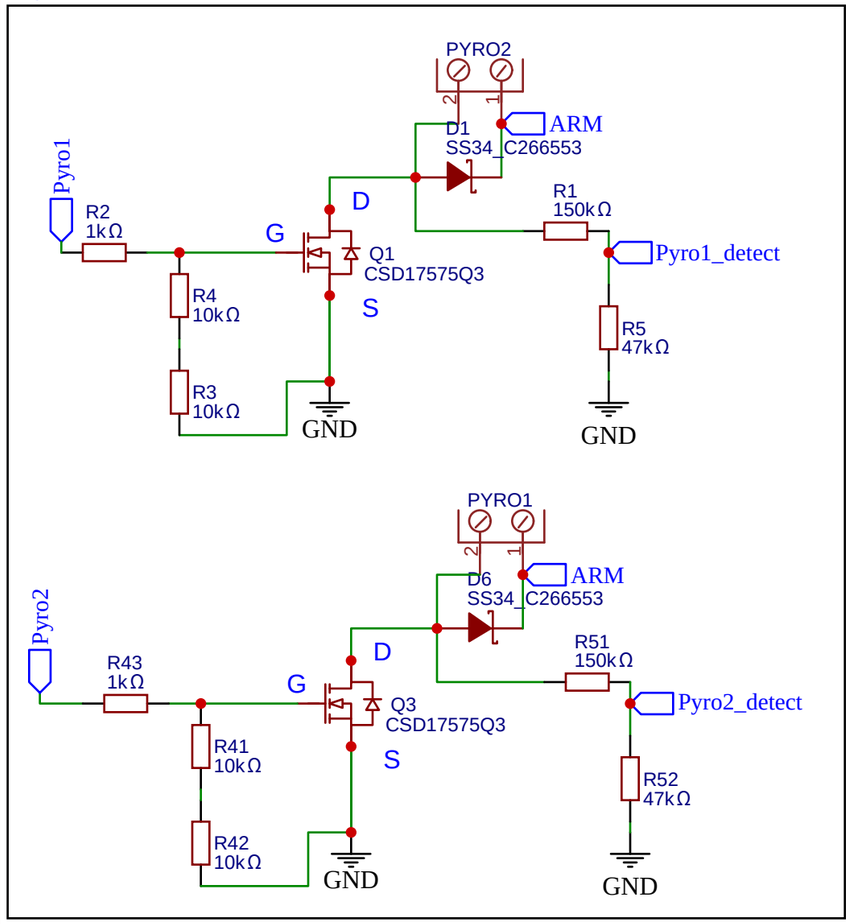
BMP280 (Module)



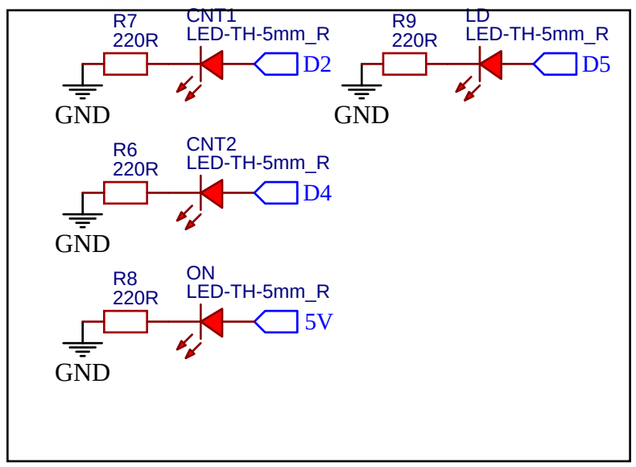
MPU6050 IMU (Module)



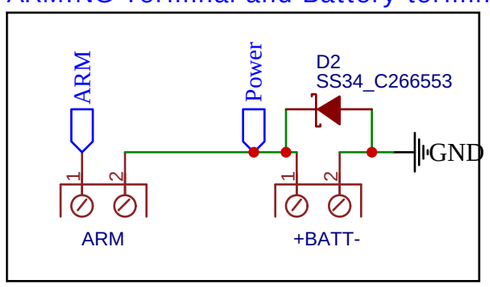
Pyro Channels



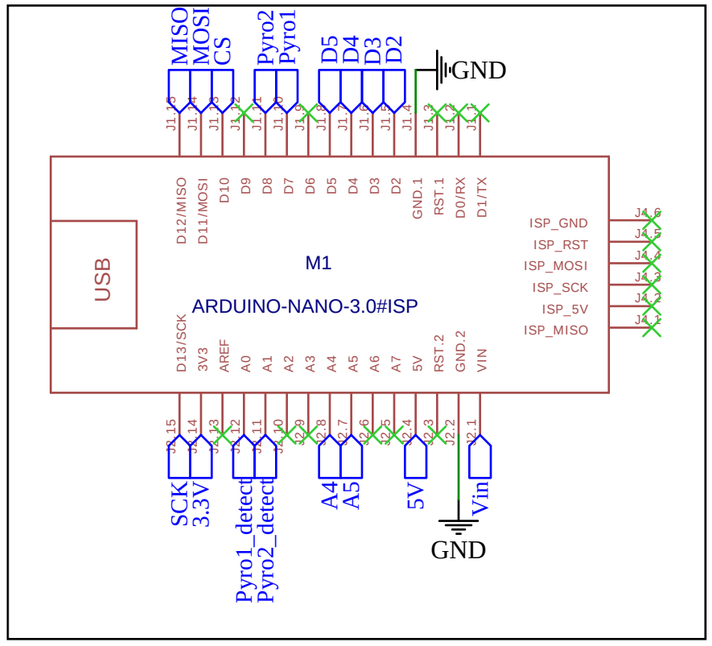
Status LEDs



ARMING Terminal and Battery terminal



Arduino Nano



FC-Udev Rev.1.0

FC-Udev Schematic

Schematic is fully functional as of June 8th 2023

The schematic is open for change for personal use cases

COSMIC

Any form of support is appreciated. You can help fund us for more projects like these at https://cosmicaero.space/donate

Use responsibly. Any injuries caused by the use of this schematic is beyond the reach of our terms. Do what you know but know what you do. Exercise with caution.

contact: info@cosmicaero.space for inquiries and/or questions regarding any issue, you may come across. This includes personal opinions and improvements that can be added to the next generation of flight computers.

Recommendations

Please use a power supply maximum 12 volts and above 5 volts that can safely deliver a few amps (e.g. Lipo, Li-ion).

Edit the flight software to fit your launch properties.

TITLE: FC-UDEV KIT		REV: 1.1
COSMIC	Company: Cosmic Aerospace Technologies	Sheet: 1/1
	Date: 2023-06-08 Drawn By: AUTHOR	