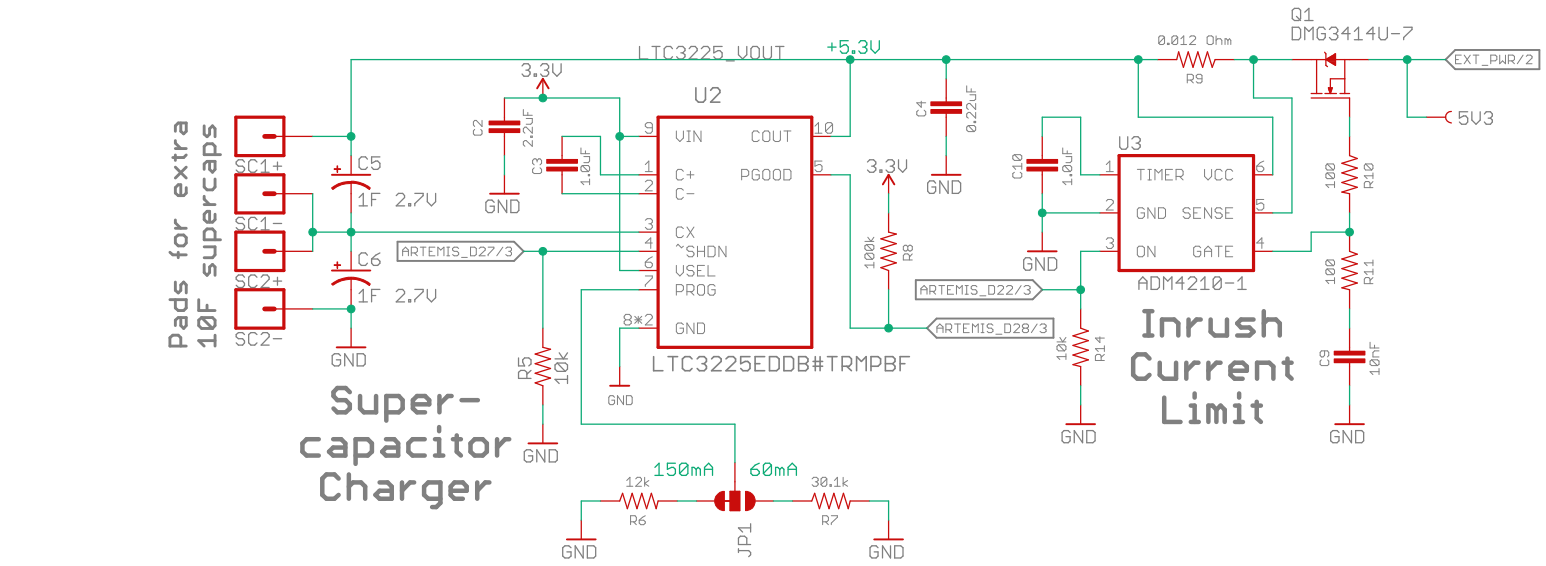
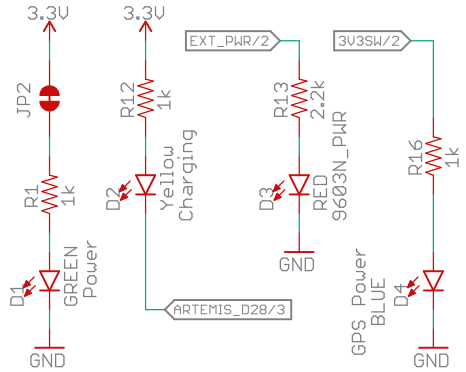
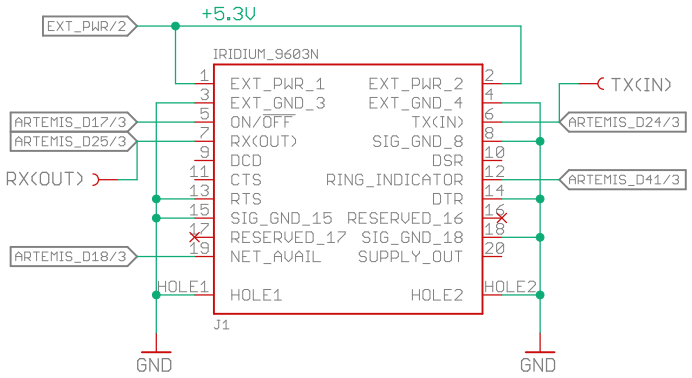


LEDs



Iridium 9603N



open hardware

SPARK X

Released under the Creative Commons
Attribution Share-Alike 4.0 License
https://creativecommons.org/licenses/by-sa/4.0/

TITLE: Artemis_Iridium_Tracker

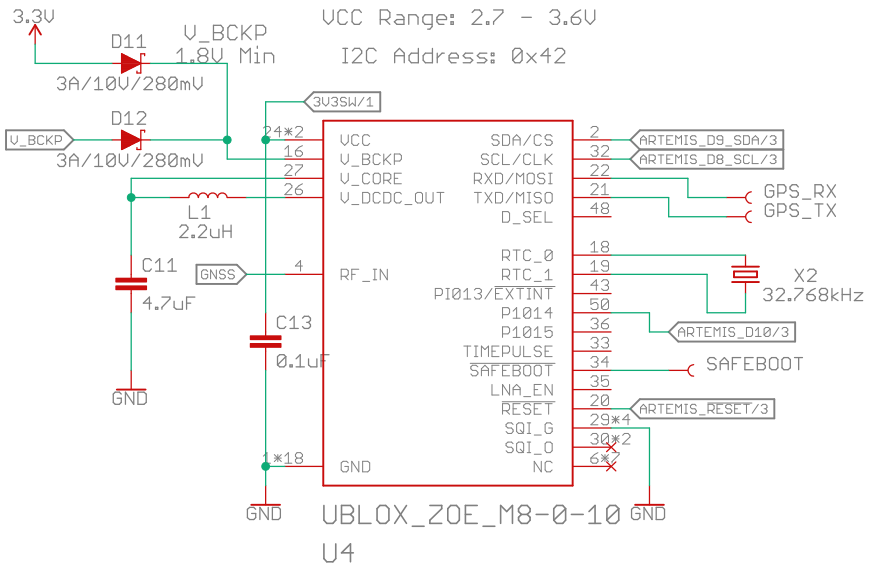
Design by: Paul Clark
Based on the SparkFun Artemis and Qwiic ZOE-M8Q

REV: V1

Date: 09/11/2019 11:02

Sheet: 1/4

uBlox ZOE-M8Q-0-10

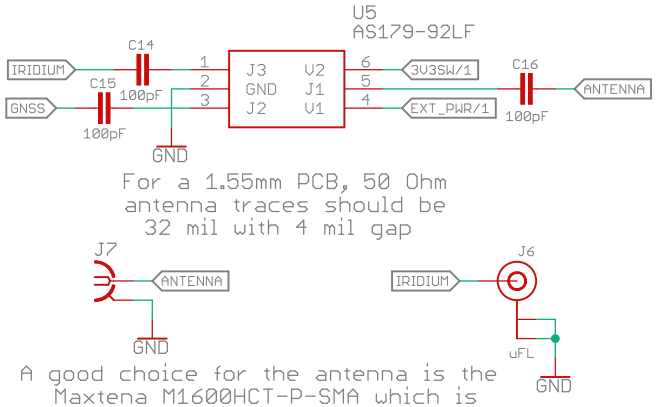


VCC Range: 2.7 - 3.6V

I2C Address: 0x42

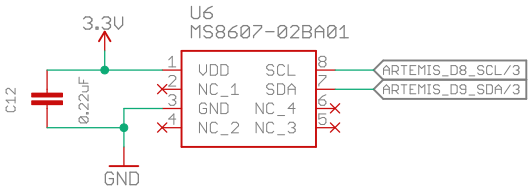
Antenna Switch

** !! Make sure 3V3SW and EXT_PWR are not enabled simultaneously !! **



A good choice for the antenna is the Maxtena M1600HCT-P-SMA which is tuned for Iridium, GPS and GLONASS

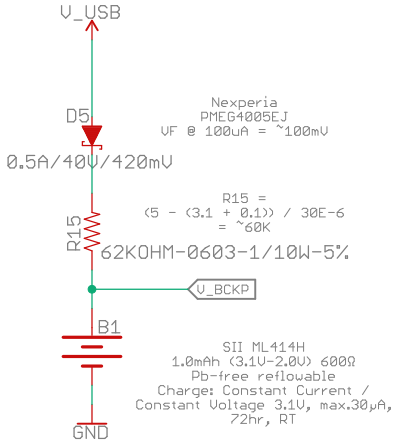
Pressure, Humidity & Temperature Sensor



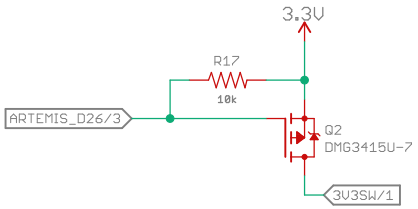
VDD Range: 1.5 - 3.6V

I2C Addresses:
Pressure & Temperature: 0x76
Relative Humidity: 0x40

Back-Up Battery



GPS Power Switch



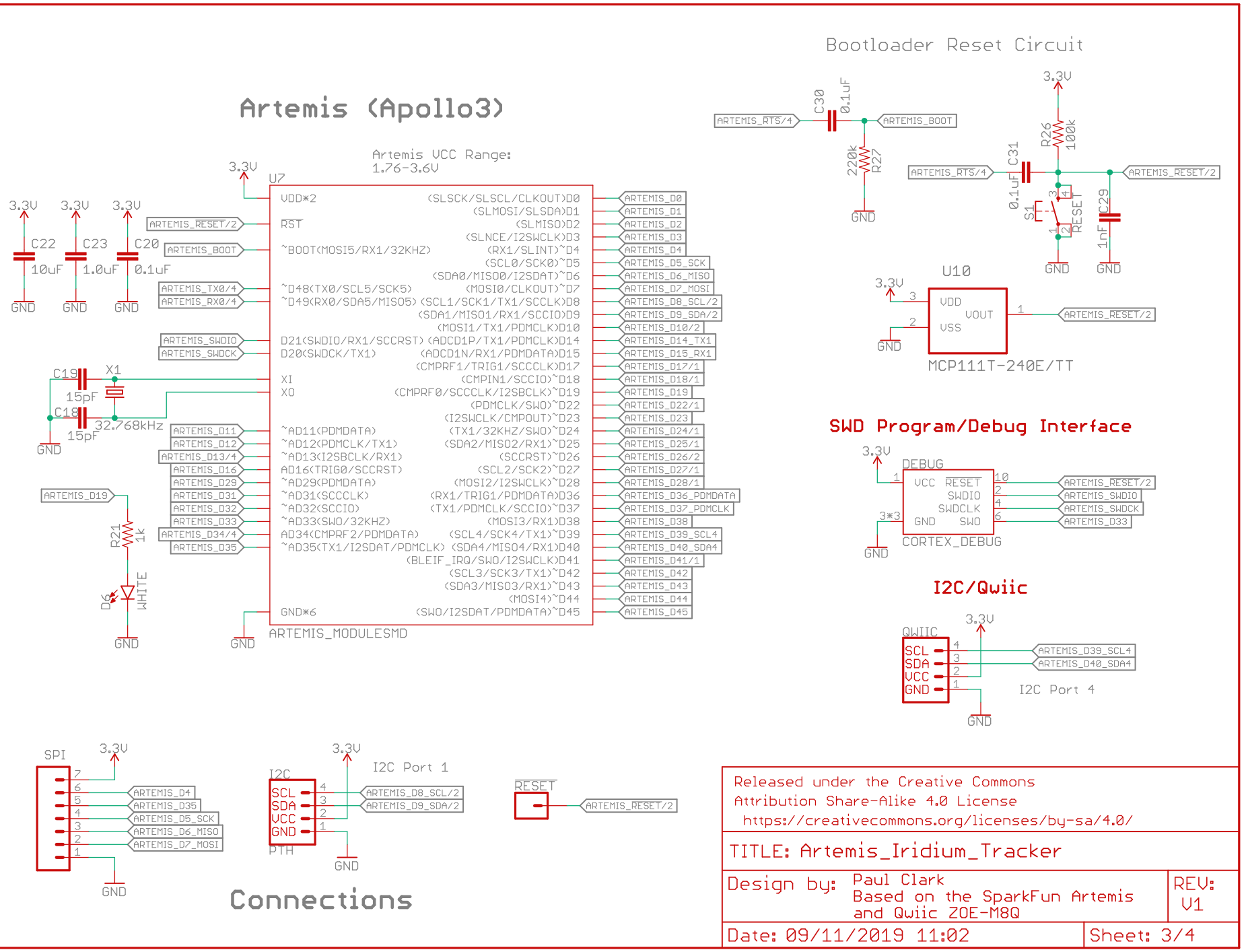
Released under the Creative Commons
Attribution Share-Alike 4.0 License
https://creativecommons.org/licenses/by-sa/4.0/

TITLE: Artemis_Iridium_Tracker

Design by: Paul Clark
Based on the SparkFun Artemis and Qwiic ZOE-M8Q

REV: V1

Date: 09/11/2019 11:02



Released under the Creative Commons
Attribution Share-Alike 4.0 License
https://creativecommons.org/licenses/by-sa/4.0/

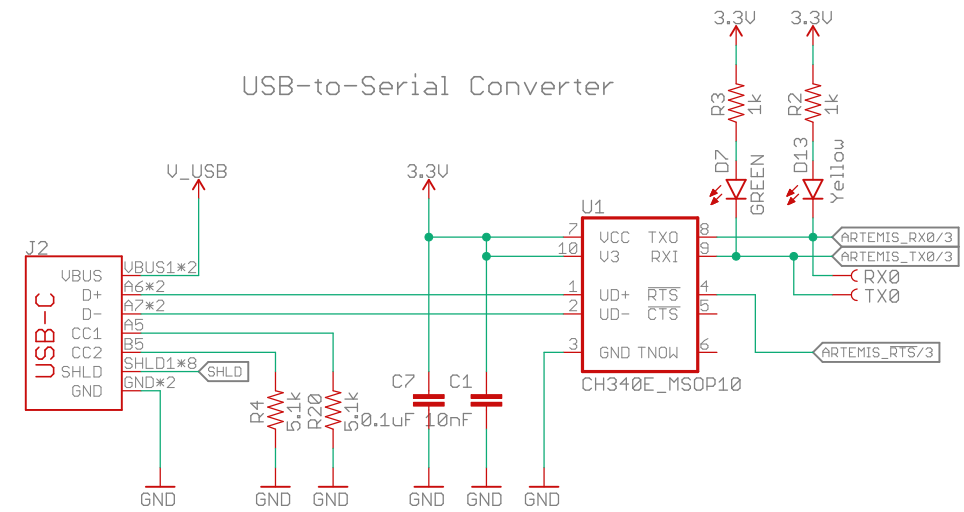
TITLE: Artemis_Iridium_Tracker

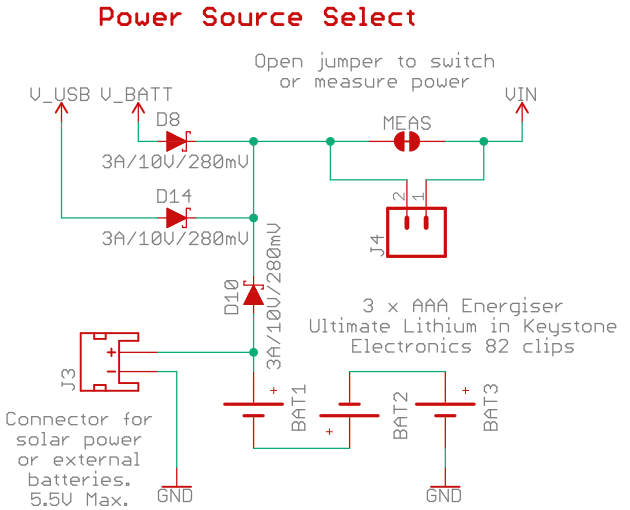
Design by: Paul Clark
Based on the SparkFun Artemis
and Qwiic ZOE-M8Q

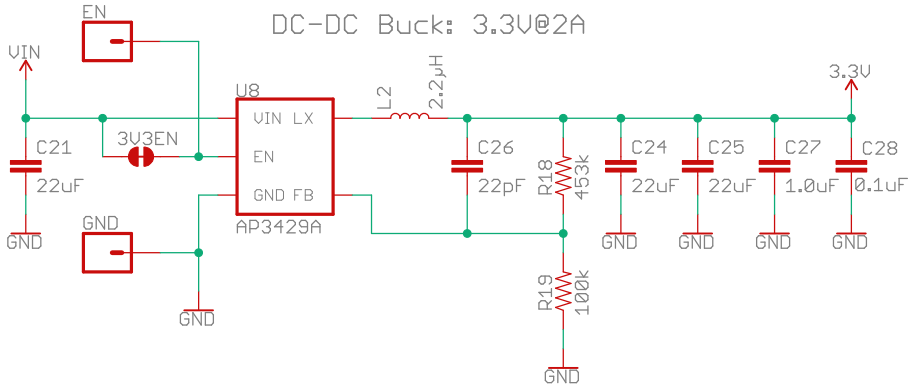
REV: V1

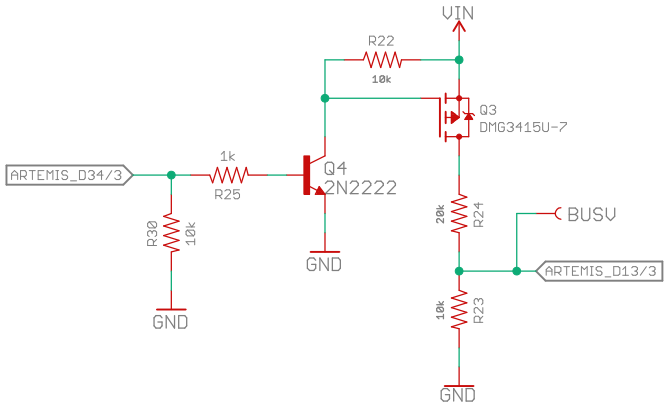
Date: 09/11/2019 11:02

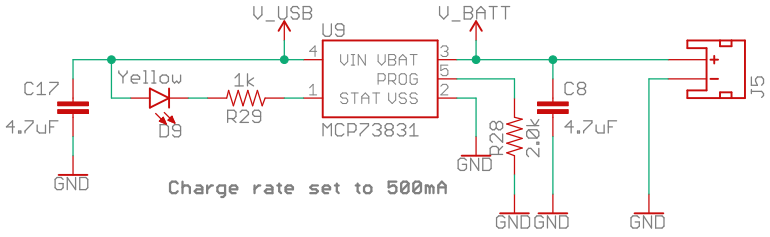
Sheet: 3/4











Released under the Creative Commons
Attribution Share-Alike 4.0 License
https://creativecommons.org/licenses/by-sa/4.0/

TITLE: Artemis_Iridium_Tracker

Design by: Paul Clark
Based on the SparkFun Artemis
and Qwiic ZOE-M8Q

REV: V1

Date: 09/11/2019 11:02

Sheet: 4/4