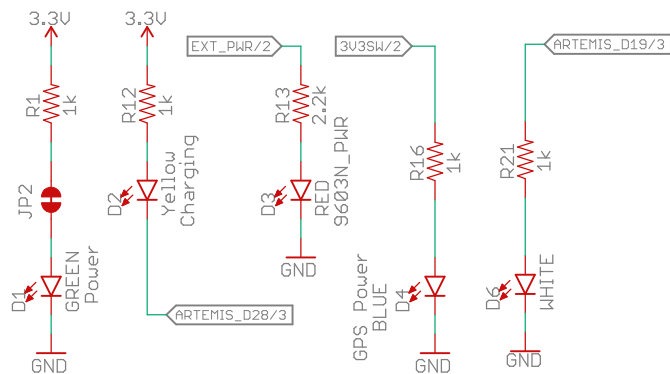
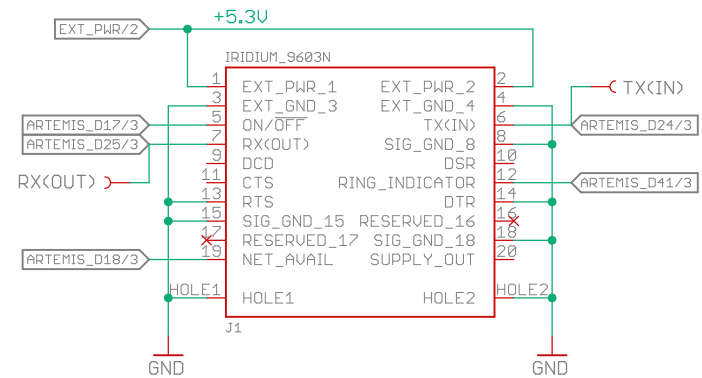


LEDs



Iridium 9603N



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TITLE: Artemis_Iridium_Tracker

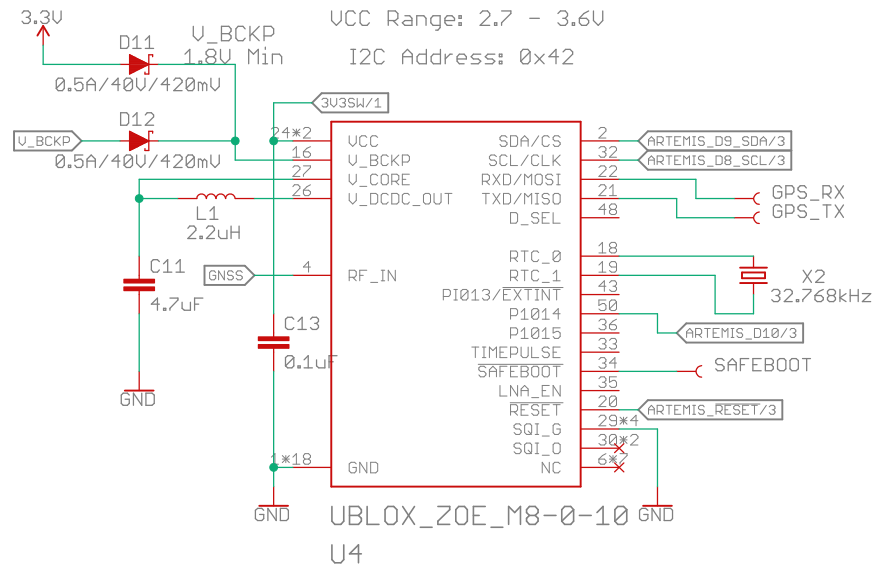
Design by: Paul Clark
Based on the SparkFun Artemis
and Qwiic ZOE-M8Q

REV:
V2

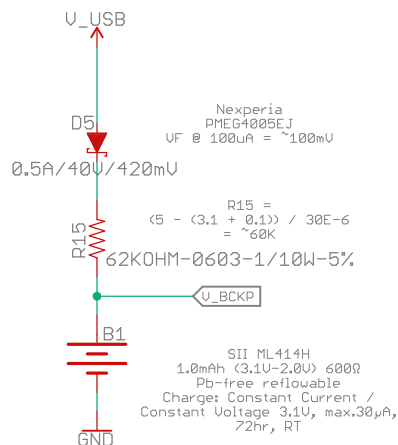
Date: 09/02/2020 11:05

Sheet: 1/4

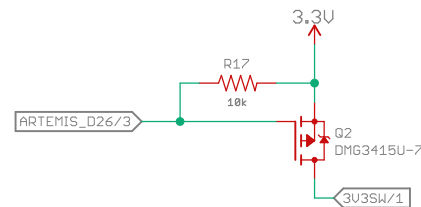
uBlox ZOE-M8Q-0-10



Back-Up Battery

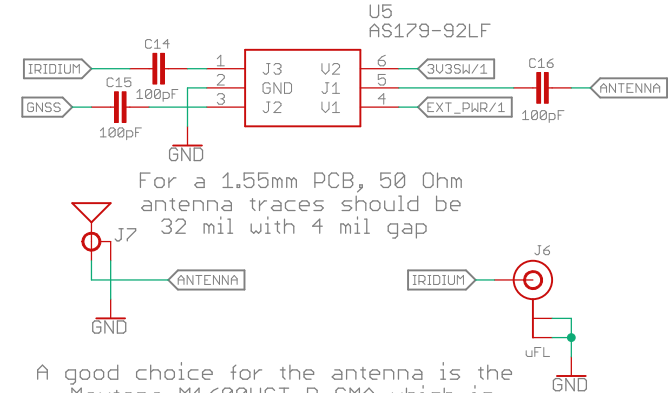


GPS Power Switch

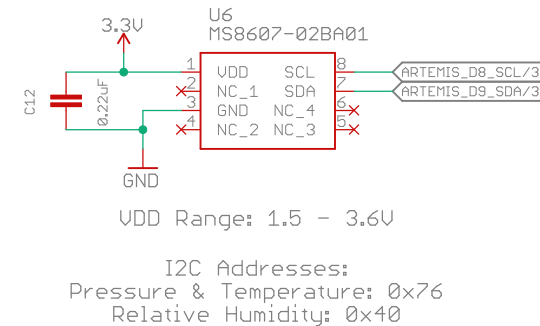


Antenna Switch

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



Pressure, Humidity & Temperature Sensor



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TITLE: Artemis_Iridium_Tracker

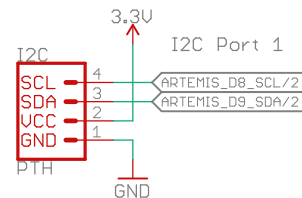
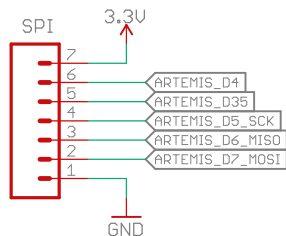
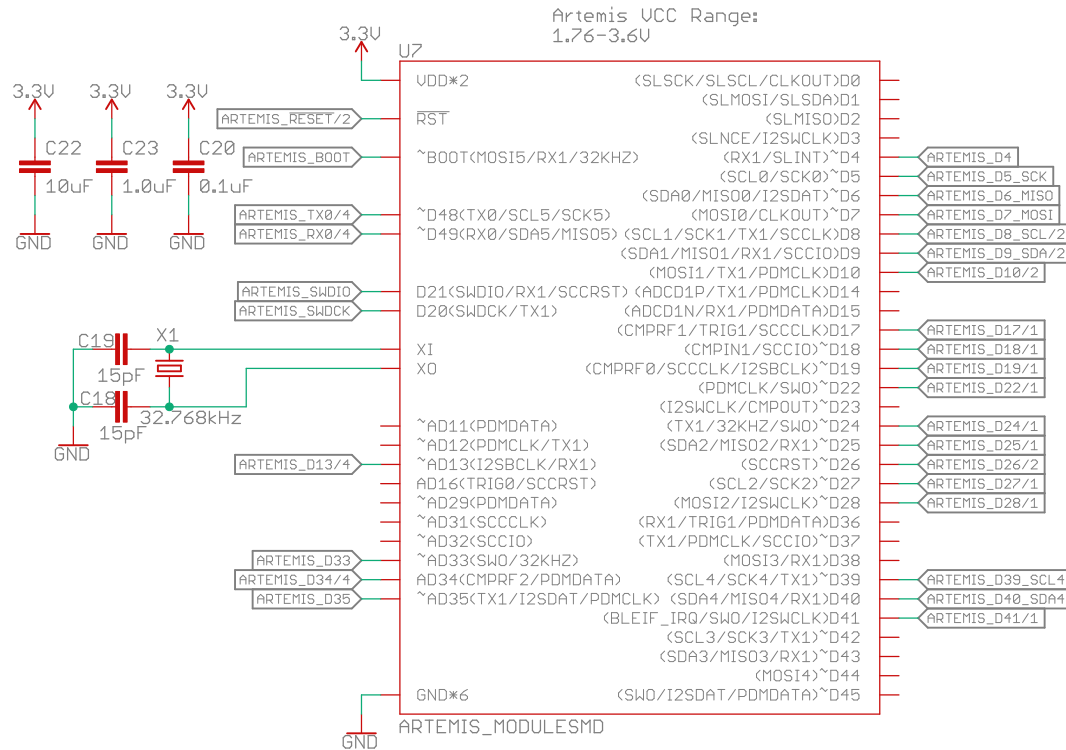
Design by: Paul Clark
Based on the SparkFun Artemis and Qwiic ZOE-M8Q

REV:
U2

Date: 09/02/2020 11:05

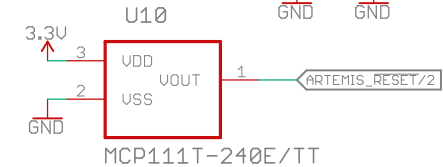
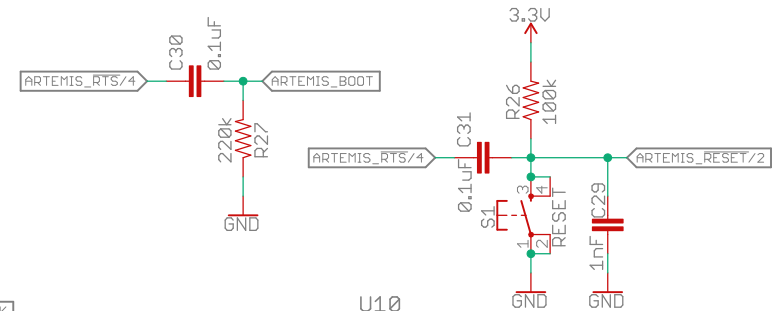
Sheet: 2/4

Artemis (Apollo3)



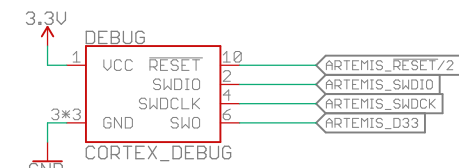
Connections

Bootloader Reset Circuit

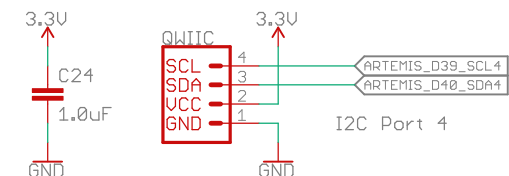


Reset Supervisor:
Select On Test
(May be required for solar power)

SWD Program/Debug Interface



I2C/Qwiic



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TITLE: Artemis_Iridium_Tracker

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

REV:
V2

Date: 09/02/2020 11:05

Sheet: 3/4

Open jumper to switch or measure power

U_USB U_BATT

D8 0.5A/40V/420mV

UBUS

MEAS

VIN

D14 0.5A/40V/420mV

J4

D10 0.5A/40V/420mV

GND

J3

Connector for solar power or 3 x AA/AAA 6V Max

Charge rate set to 500mA

REV:
V2

Sheet: 4/4