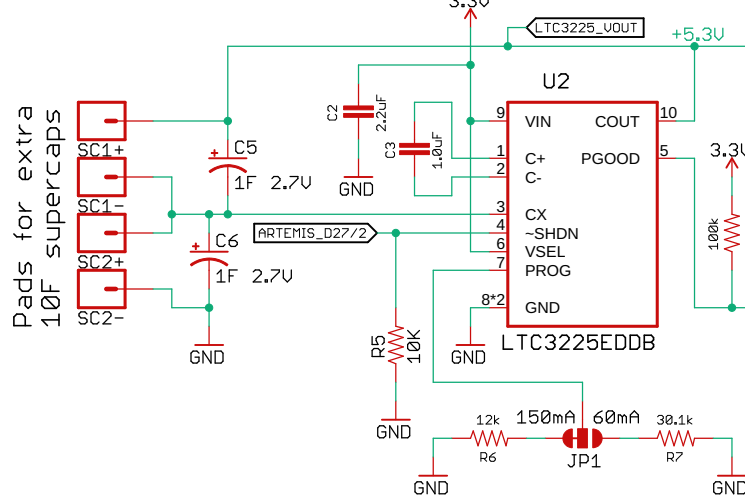
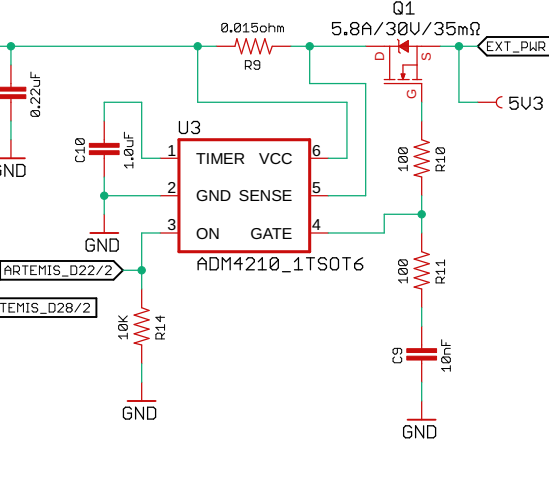


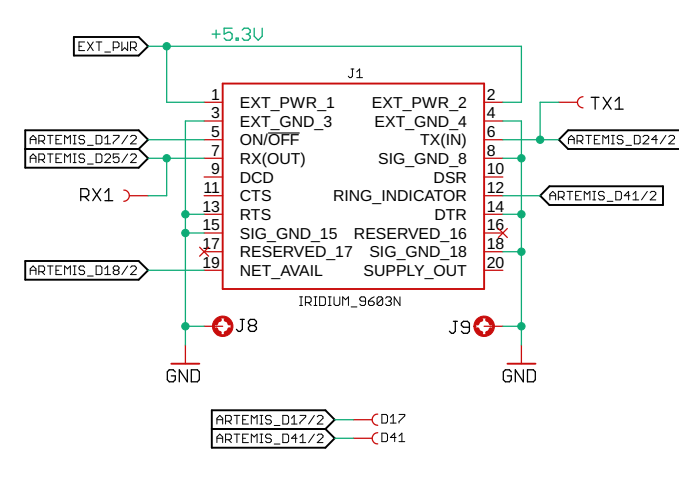
Super-capacitor Charger



Inrush Current Limit

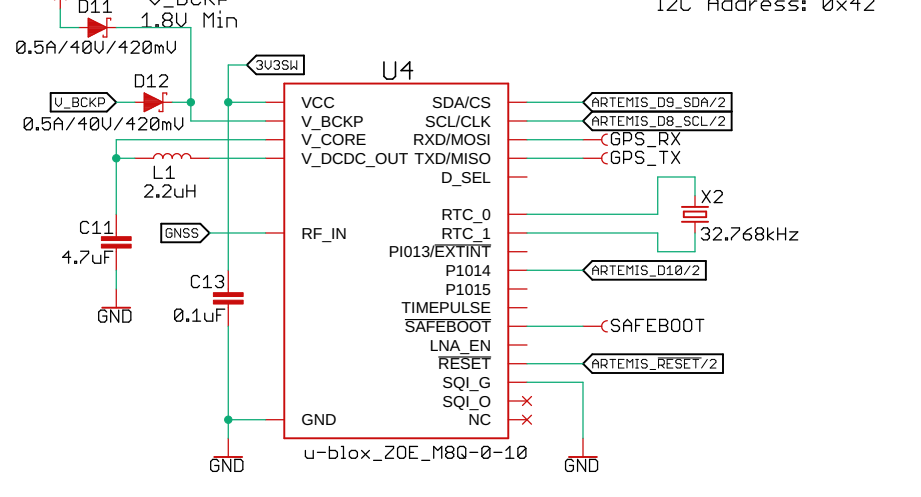


Iridium 9603N

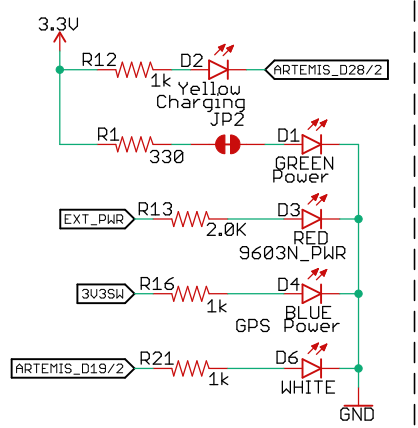


u-blox ZOE-M8Q-0-10

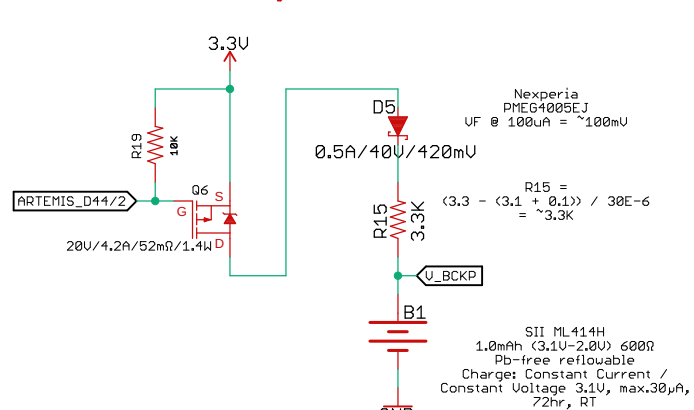
UCC Range: 2.7 - 3.6V
I2C Address: 0x42



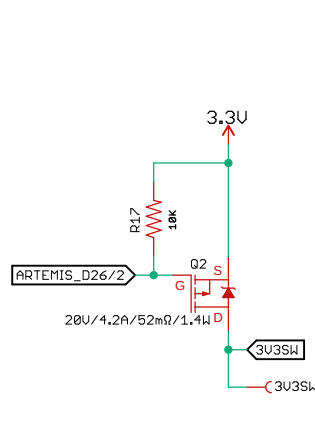
LEDs



Back-Up Battery And charge control switch

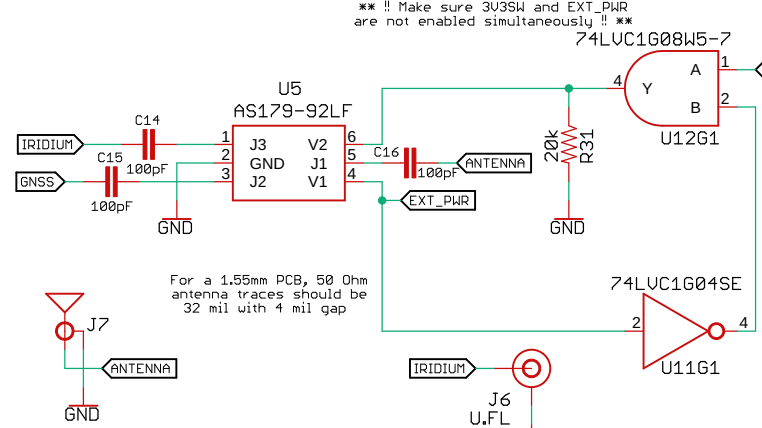


GPS Power Switch

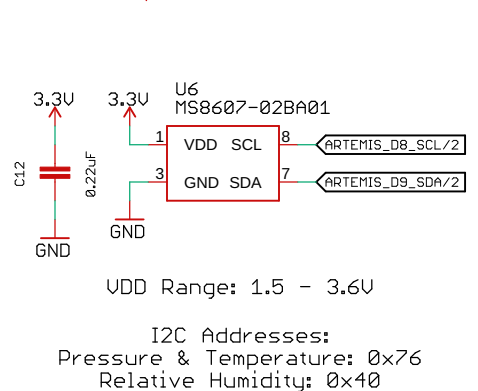


Antenna Switch

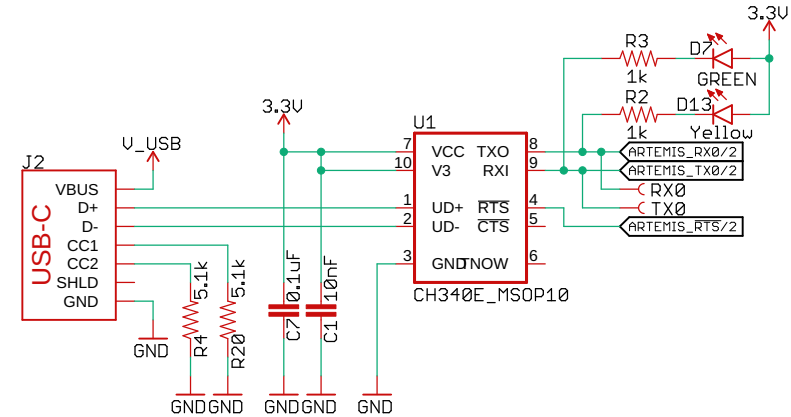
** !! Make sure 3U3SW and EXT_PWR are not enabled simultaneously !! **



Pressure, Humidity & Temperature Sensor

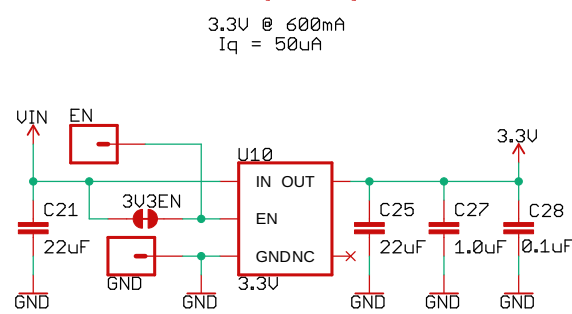


USB-to-Serial Converter



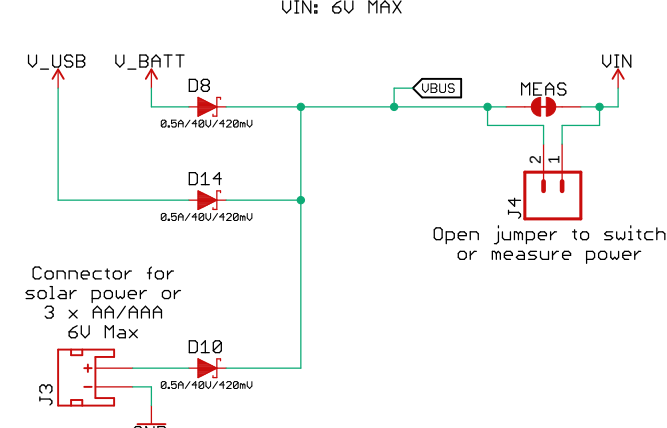
3.3V Voltage Regulator

3.3V @ 600mA
Iq = 50uA

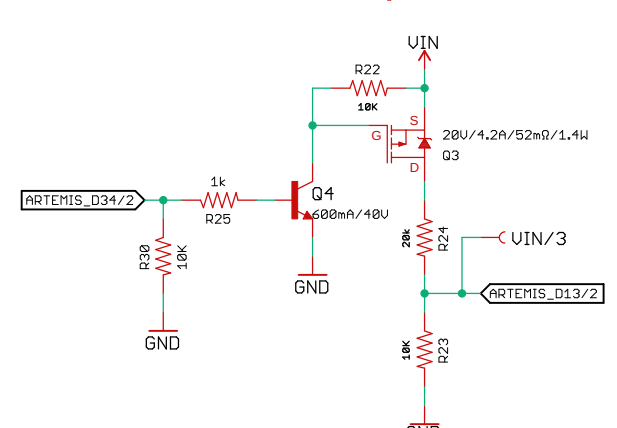


Power Source Select

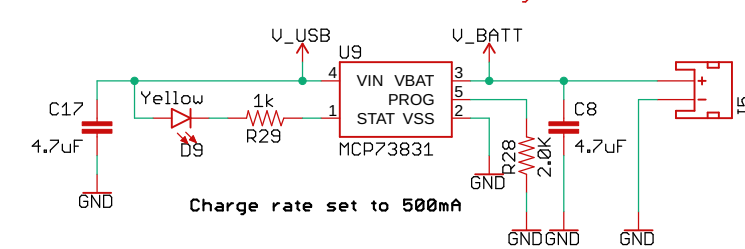
VIN: 6V MAX



Bus Voltage Measurement



USB/LiPo Charger



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TITLE: SparkFun_Artemis_Global_Tracker

Design by: Paul Clark (Based on the SparkFun Artemis and Qwiic ZOE-M8Q)
 Revised by: Pete Lewis

REV:
v10

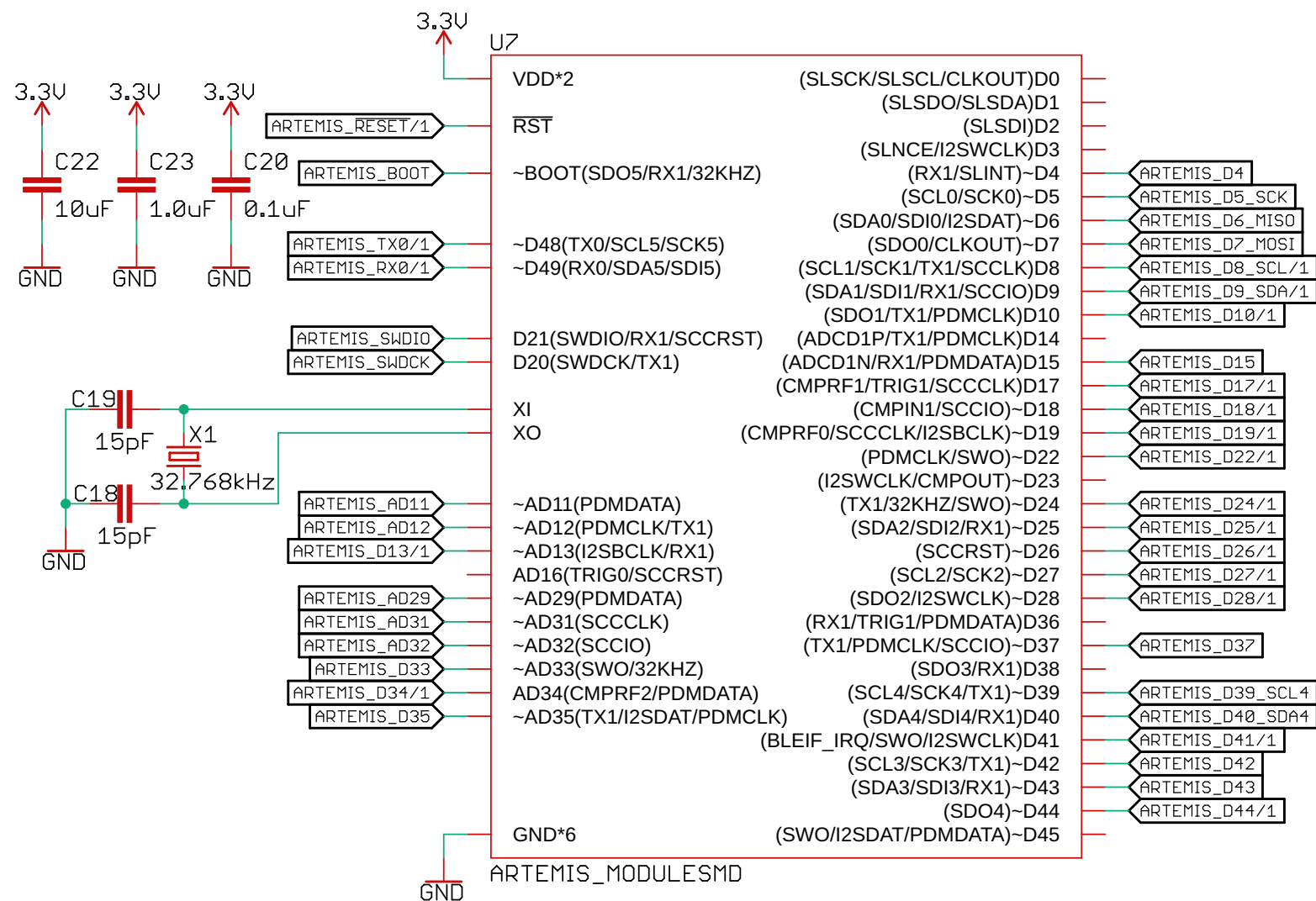
Date: 4/7/2022 3:49 PM

Sheet: 1/2

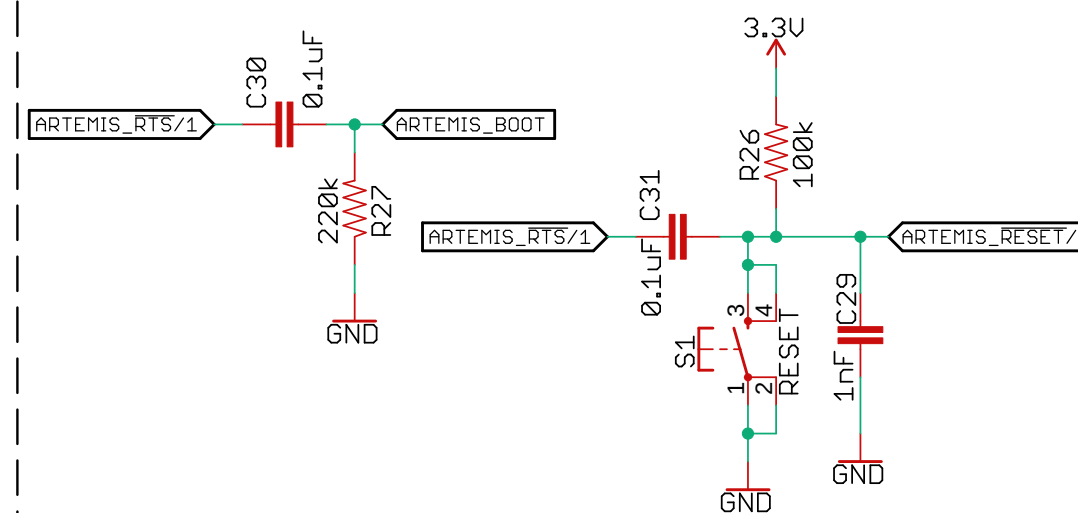


Artemis (Apollo3)

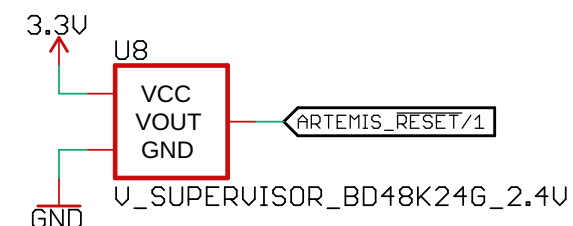
Artemis UCC Range:
1.76-3.6V



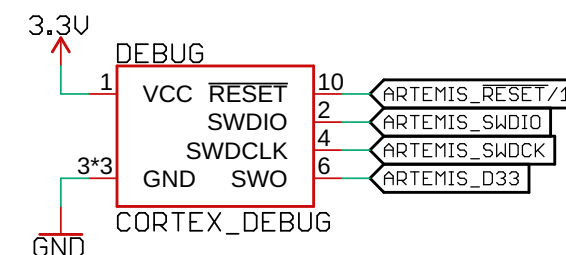
Bootloader Reset Circuit



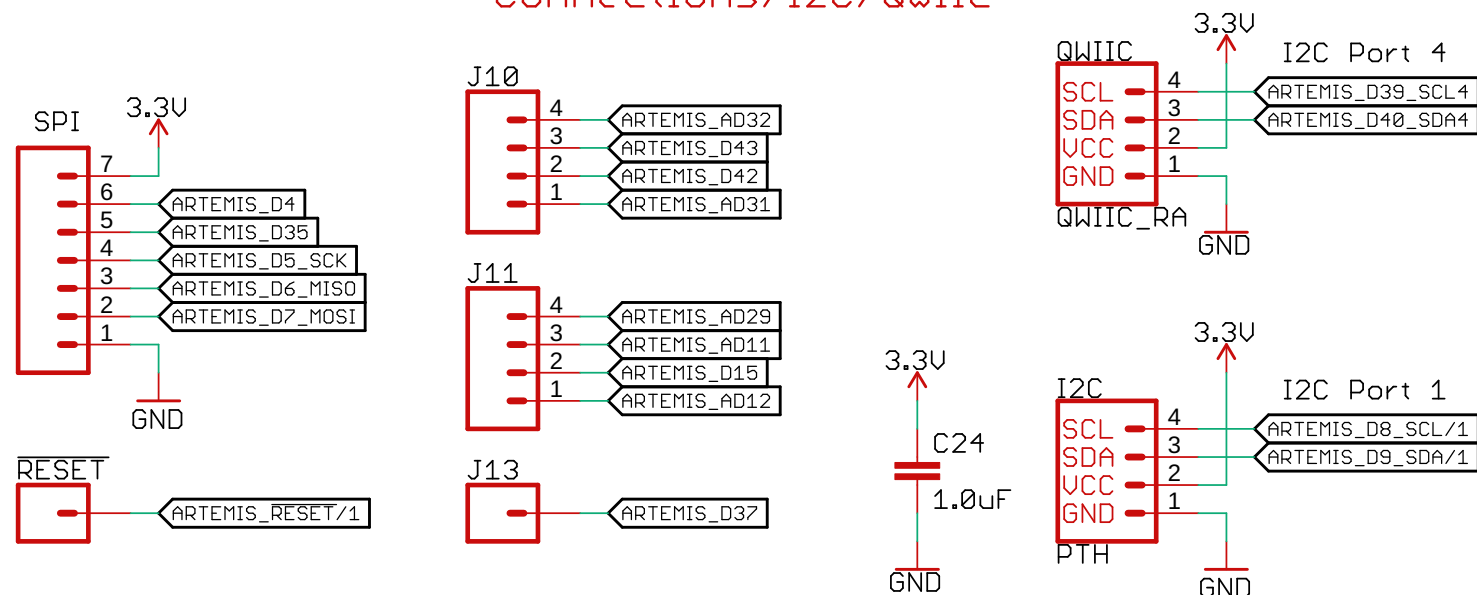
2.4V Reset Supervisor
(Ensures a clean start on solar power)



SWD Program/Debug Interface



Connections/I2C/Qwiic



sparkfun

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TITLE: SparkFun_Artemis_Global_Tracker

Design by: Paul Clark (Based on the SparkFun Artemis and Qwiic ZOE-M8Q)
Revised by: Pete Lewis

REV:
v10

Date: 4/7/2022 3:49 PM

Sheet: 2/2