

[illegible]

6V_SOLAR

PJ-030CH-SMT-TR

J1

1

3

2

5

SHIELD

D1

CDSOD323-T08S

GND

A circuit diagram showing a battery pack labeled U6. The pack is represented by a rectangle with a '+' sign on the left and a '-' sign on the right. Inside the rectangle, the text '18650' is on the left and '1043P' is on the right. A vertical line with three short horizontal bars (representing a battery cell) is in the center. The positive terminal is connected to a line labeled 'VBAT'. The negative terminal is connected to a line labeled 'GND' with a ground symbol.

Diagram illustrating the connection of the COM4 module to the TP6 test point. The module is connected to a 3V3 supply and GND. The module pins are labeled: COM4_RX, COM4_TX, I2C_CLK, and I2C_DATA. The test points are labeled: TP1, TP2, TP3, TP4, TP5, and TP6. The connections are as follows:

- COM4_RX is connected to TP1.
- COM4_TX is connected to TP2.
- I2C_CLK is connected to TP3.
- I2C_DATA is connected to TP4.
- TP5 is connected to GND.
- TP6 is connected to GND.

3V3

R6 10k

U4 BME688

1 GND

2 CSB

3 SDI

4 SCK

5 SDO

6 VDDIO

7 GND

8 VDD

I2C_DA+

I2C_CLK

3V3

R8 10k

C3 0.1u

C1 0.1u

GND

GND

12C Addr:
0x76 - GND
0x77 - VDD

[illegible][illegible] WILDERNESS LABS

TITLE: GNSS Tracker IoT Accelerator		REV: v2.b
	Company: Wilderness Labs	Sheet: 1/1
	Date: 2023.09	Drawn By: bryan costanich