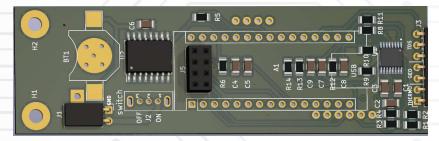
- 1. Solder all resistors and capacitors.
- 2. Solder U1 = ADS1120 (16 Pin), U2 = DS3231m (RTC), U4 = ADS1118 (10 Pin), U5 = VO615A.
- 3. Solder RF module to the back of the PCB. (Optional)
- 4. Solder female headers to front of PCB (Nano)
- 5. Solder BME280 module, microSD card module, and coin battery receptacle.

## **FRONT**



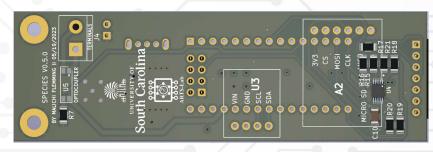
R1, R2, R14 = 3.3 kOhm;

R3, R4, R5, R6, R12, R13, R15, R16, R17 = 1 kOhm;

R7 = 1.9 kOhm;

R8, R9, R10, R11 = 47 Ohm;

## **BACK**



R18, R19, R20, R21 = 50 Ohm;

C1, C3, C8, C9 = 10 nF;

C2, C4, C5, C6, C7, C10 = 100 nF;