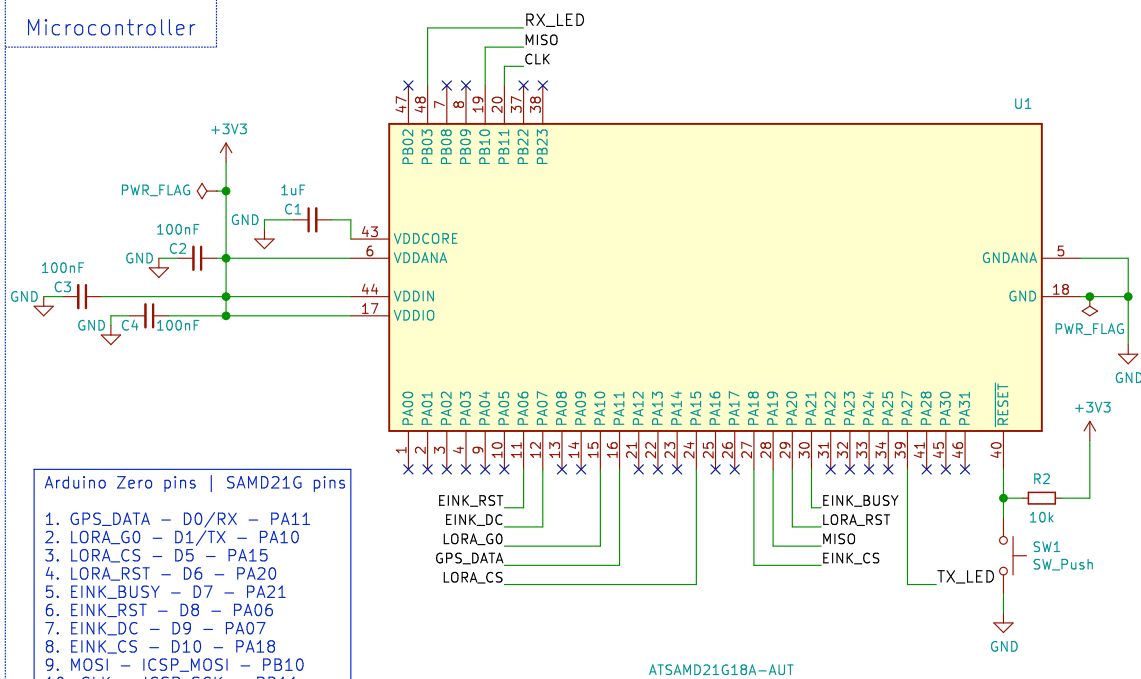


Microcontroller

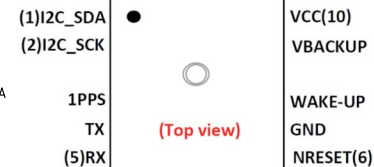
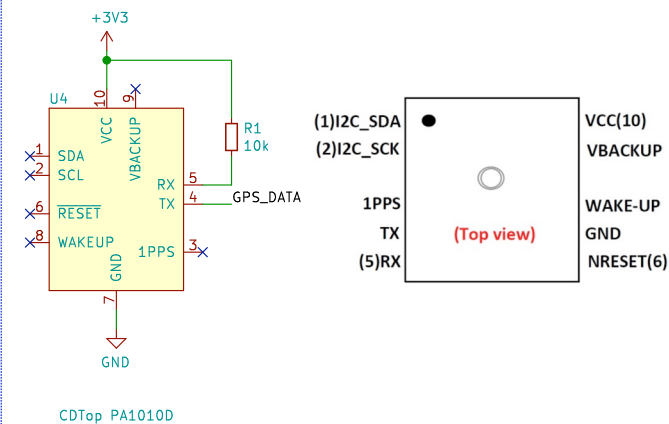


Arduino Zero pins | SAMD21G pins

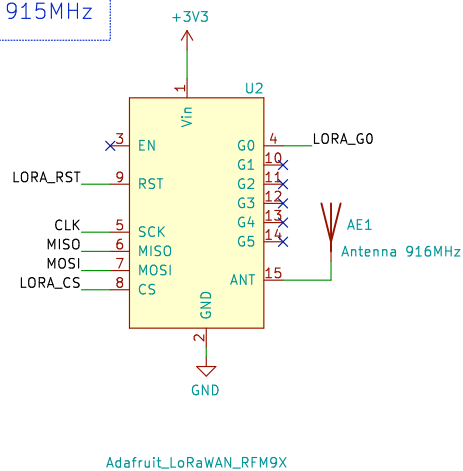
1. GPS_DATA - D0/RX - PA11
2. LORA_GO - D1/TX - PA10
3. LORA_CS - D5 - PA15
4. LORA_RST - D6 - PA20
5. EINK_BUSY - D7 - PA21
6. EINK_RST - D8 - PA06
7. EINK_DC - D9 - PA07
8. EINK_CS - D10 - PA18
9. MOSI - ICSP_MOSI - PB10
10. CLK - ICSP_SCK - PB11
11. MISO - ICSP_MISO - PA19

ATSAMD21G18A-AUT

GPS

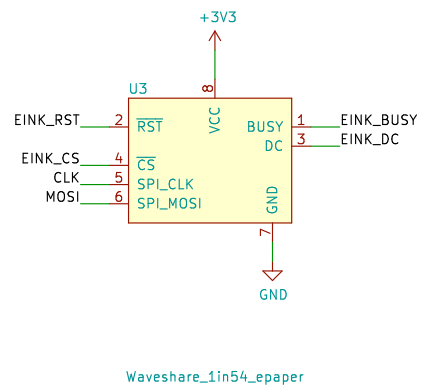


LoRa 915MHz



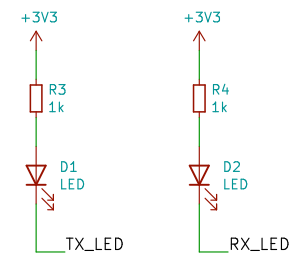
Adafruit_LoRaWAN_RFM9X

E-Ink



Waveshare_1in54_epaper

LEDs



Authored by: Sayanee Basu
Project website: <https://hutscape.com/oak>

Measure outdoor distance between 2 keychain holders

Hutscape

Sheet: /
File: Oak.sch

Title: Oak

Size: A4 Date: 2020-10-13

KiCad E.D.A. kicad (5.1.6-0-10_14)

Rev: V1.0

Id: 1/1