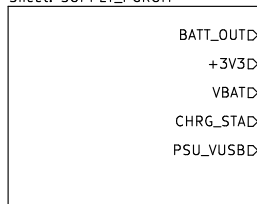


## POWER SUPPLY CIRCUIT

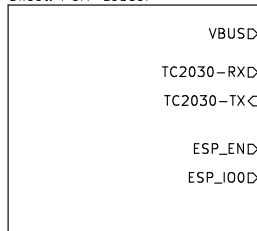
Sheet: SUPPLY\_PGROM



File: PSU\_PGM.sch

## USB TO SERIAL CIRCUIT

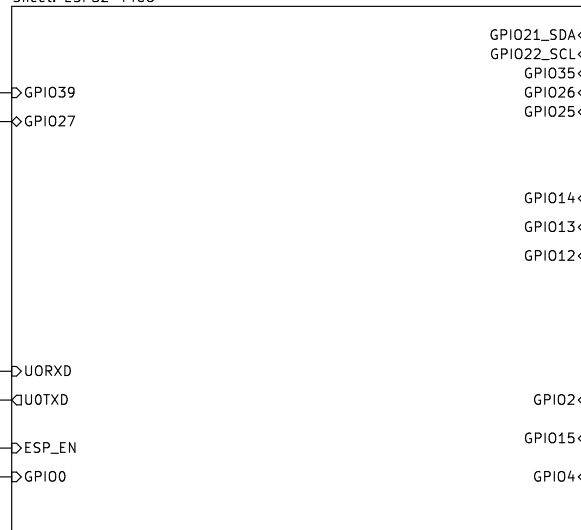
Sheet: PGM-Loader



File: usb2serial.sch

## ESP32 PICO-D4 +PSRAM 4MB

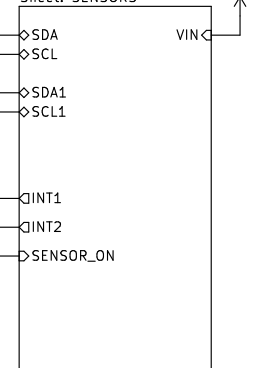
Sheet: ESP32-PICO



File: ESP32-PICO-D4.sch

## ALL SENSOR CIRCUIT

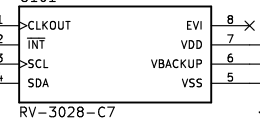
Sheet: SENSORS



File: Sensor.sch

## REAL TIME CLOCK

U101



RV-3028-C7

\*High precision RTC with  $\pm 1\text{ppm}$  deviation per year ( $\pm 32$  seconds per year).

# Senses

Sheet: /

File: E-LuLab.sch

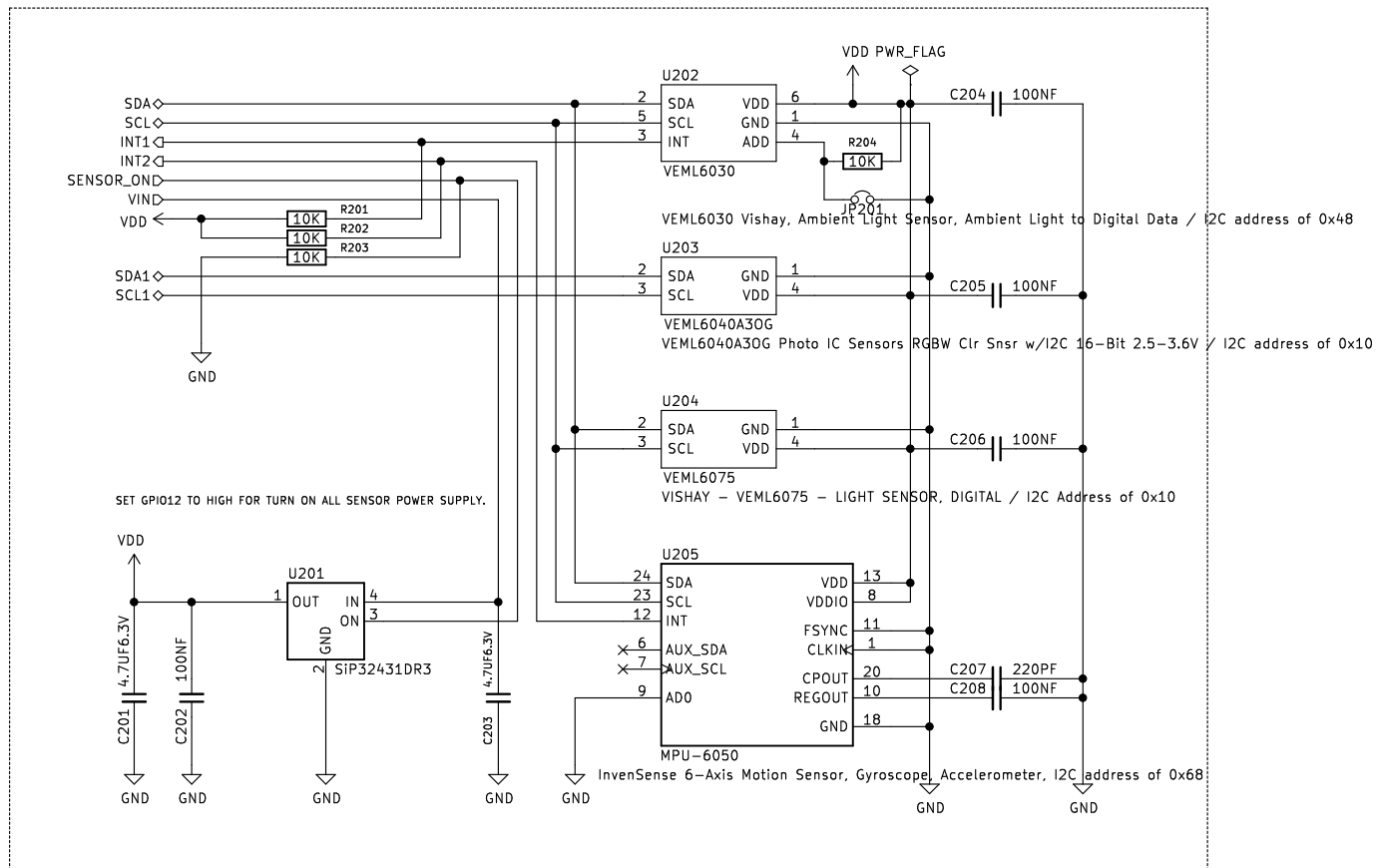
**Title: E-LuLab**

Size: A4 Date: 2021-04-08

KiCad E.D.A. kicad (5.1.10)-1

**Rev: V01**

Id: 1/5



# Senses

Sheet: /SENSORS/  
File: Sensor.sch

**Title:**

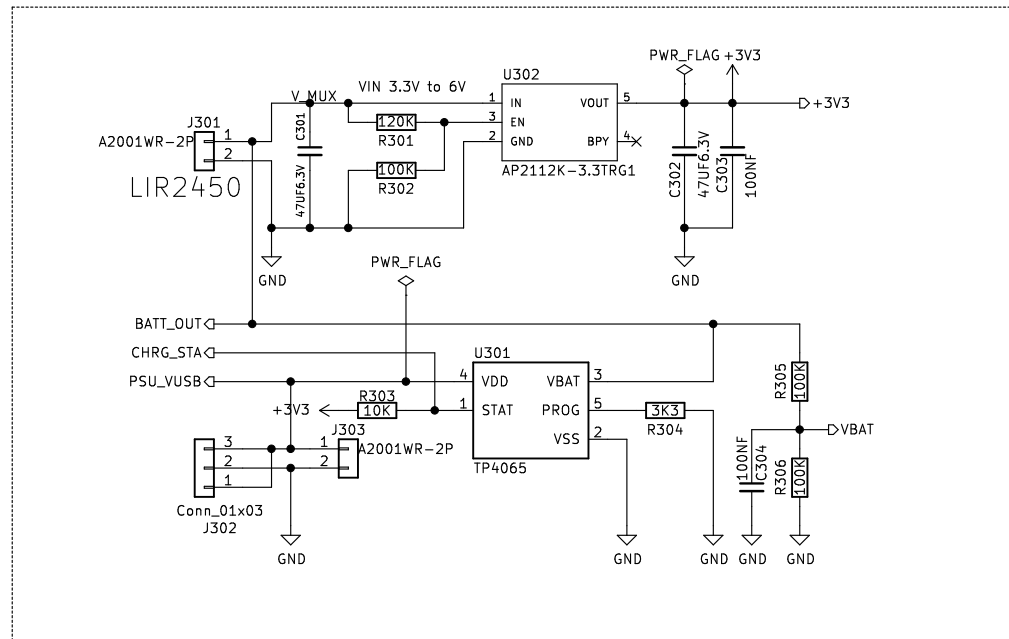
Size: A4  
KiCad E.D.A. kicad (5.1.10)-1

Date:

Rev:  
Id: 2/5

# PSU AND BATT\_ CHARGER

C9055 - SPX3819M5-L-3-3/TR



**Senses**

Sheet: /SUPPLY\_PGROM/  
File: PSU\_PGM.sch

**Title:**

Size: A4

Date:

KiCad E.D.A. kicad (5.1.10)-1

**Rev:**

Id: 3/5



Id: 4/5

A



C

D

**Rev:**  
Id: 5/5

**Rev:**  
Id: 5/5