

Sheet: /sd\_card/  
 File: sd\_card.kicad\_sch

**Title:**

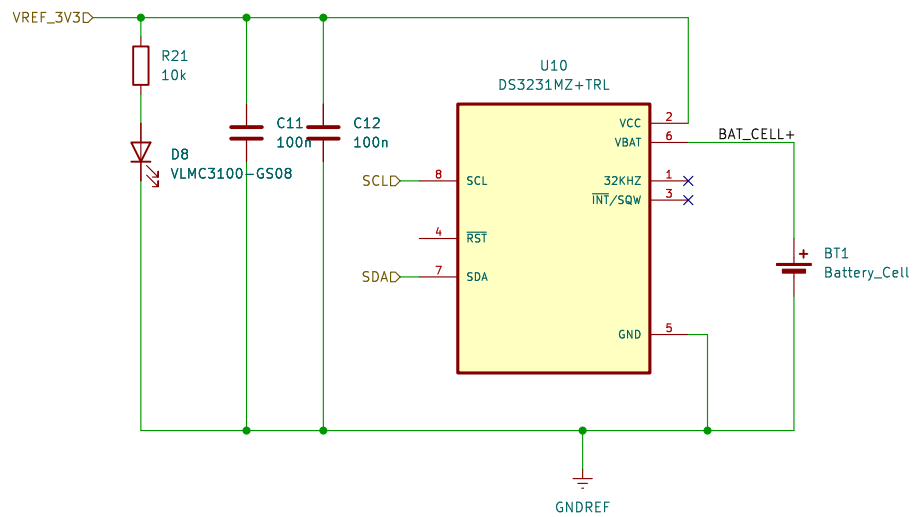
Size: A4

Date:

KiCad E.D.A. 8.0.5

**Rev:**

Id: 4/7



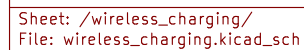
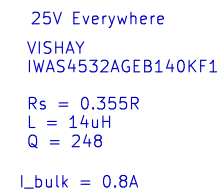
Sheet: /rtc\_ds3231/  
File: rtc\_ds3231.kicad\_sch

**Title:**

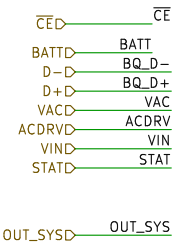
Size: A4  
KiCad E.D.A. 8.0.5

Date:

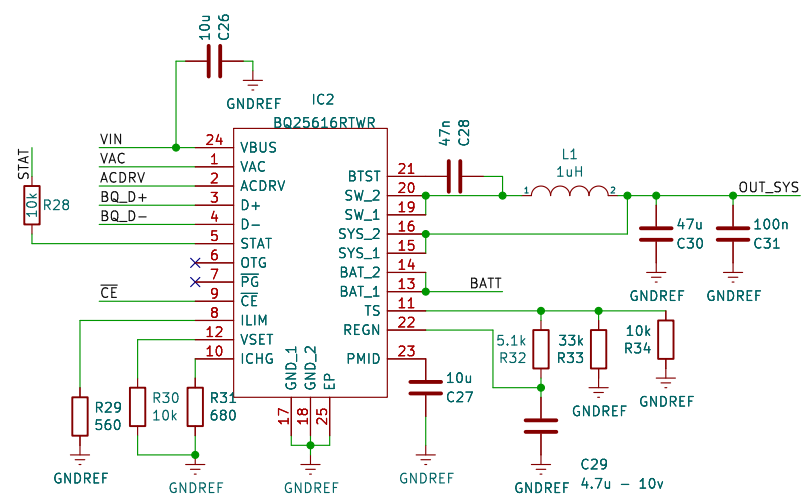
**Rev:**  
Id: 5/7

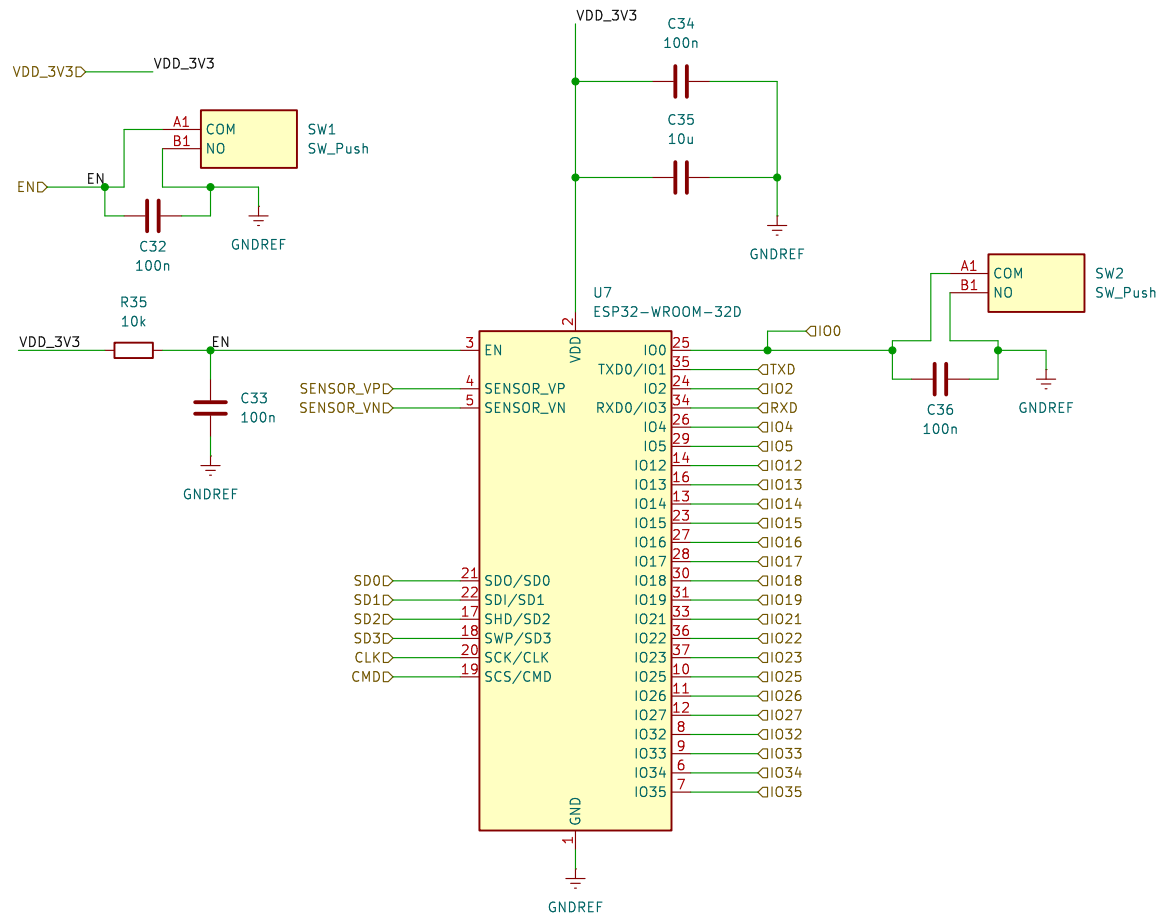


Id: 6/7



IC<sub>CHG</sub> = K<sub>ICHG</sub>/R<sub>ICHG</sub>  
R<sub>CH</sub>=K<sub>CHG</sub>/I<sub>CHG</sub>, BATT=2000mA, I<sub>CHG</sub>=1A  
R<sub>CHG</sub>=677/ 1=?  
R<sub>CHG</sub>=680 Ohm  
  
METER r 10K AO GND ->  
  
I<sub>INDPM</sub> = K<sub>ILIM</sub>/R<sub>ILIM</sub>  
R<sub>ILIM</sub>=K<sub>ILIM</sub>/I<sub>INDPM</sub> , BATT=2000mA, I<sub>CHG</sub>=1A  
R<sub>ILIM</sub>=478/835 = 572 ohm





Sheet: /ESP32\_WROOM\_32D/  
File: ESP32\_WROOM\_32D.kicad\_sch

**Title:**

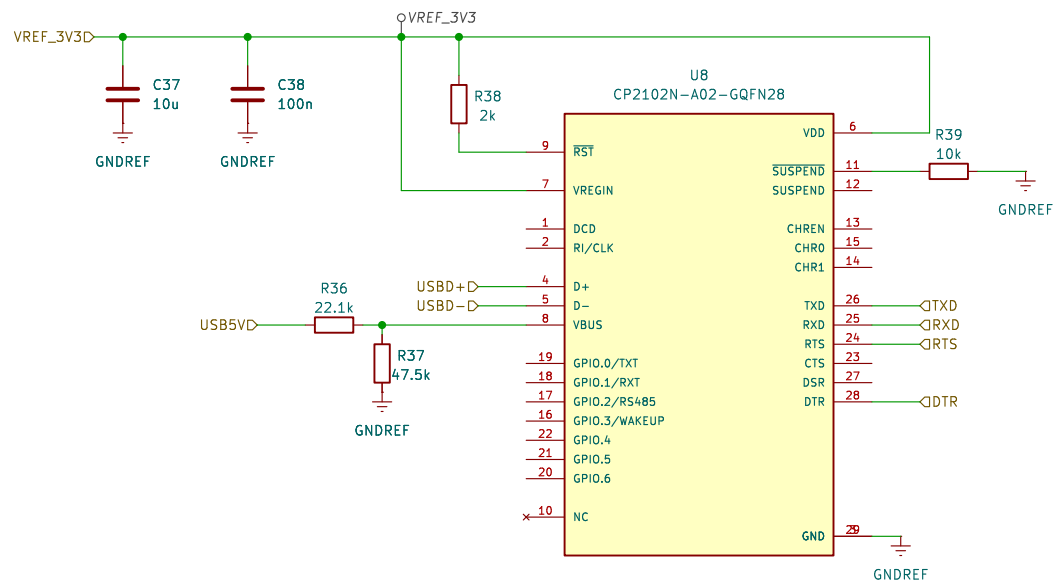
Size: A4

Date:

KiCad E.D.A. 8.0.5

Rev:

Id: 7/7



Sheet: /CP2102N-A02-GQFN28/  
File: CP2102N-A02-GQFN28 .kicad\_sch

**Title:**

Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.5

Id: 8/7