

<https://static.chipdip.ru/lib/687/DOC011687749.pdf>  
Analog filter  
ADS1298RECG-FE  
ECG Front-End  
Performance Demonstration Kit

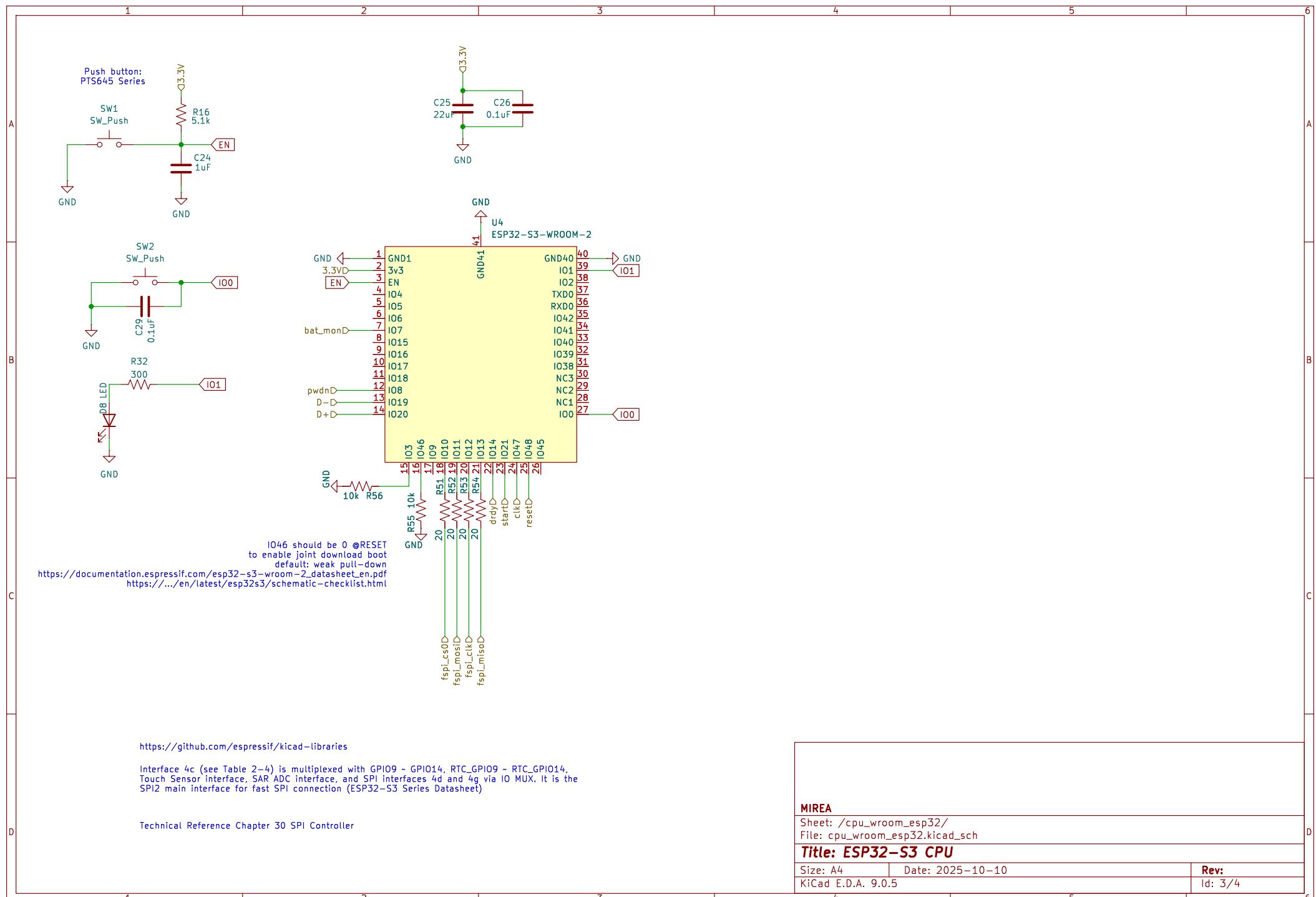
Connect unused pins to AVDD (Analog supply)  
(<http://www.ti.com/product/ads1294>)

Sheet: /adc\_8/  
File: adc\_8.kicad\_sch

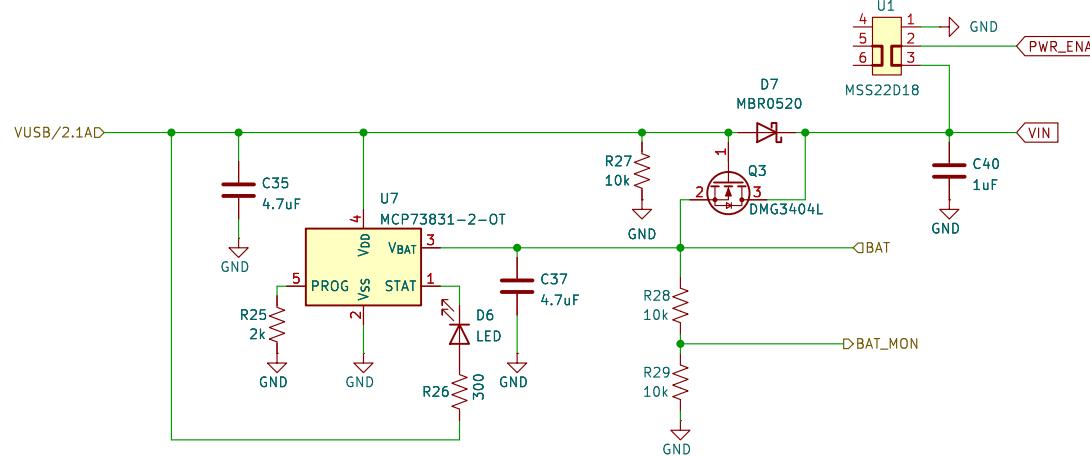
**Title: 8 channel ADC**

Size: A4 Date: 2024-10-17  
KiCad E.D.A. 9.0.5

Rev:  
Id: 2/4

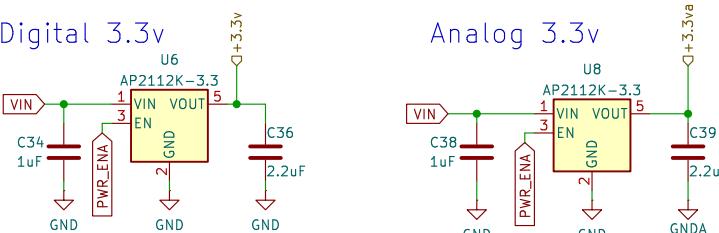


A



Fast charge current regulation can be scaled by placing a programming resistor (R<sub>PROG</sub>) from the PROG input to VSS. The program resistor and the charge current are calculated using the following equation  
 $I_{REG} = 1000V/R_{PROG}$   
(MCP73831/2: <https://static.chipdip.ru/lib/283/DOC012283193.pdf>)

B



C

D

MIREA/Rf-lab.org

Sheet: /power\_supply/  
File: power\_supply.kicad\_sch

**Title: Power supply**

Size: A4 Date: 2024-10-17  
KiCad E.D.A. 9.0.5

**Rev: 1**  
Id: 5/4