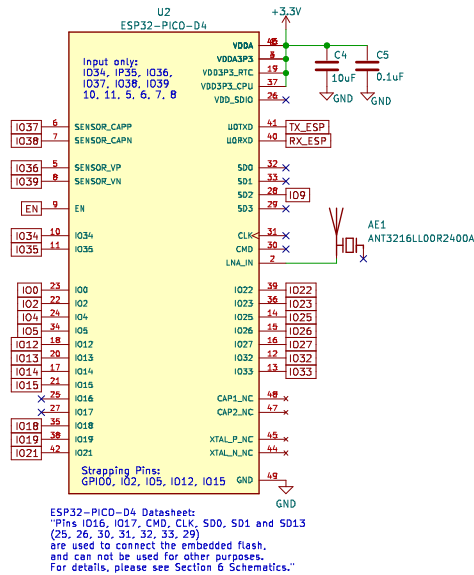
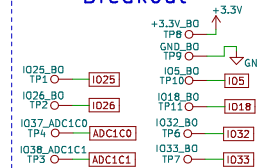


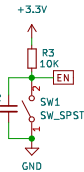
## SOC



## Breakout



## Reset



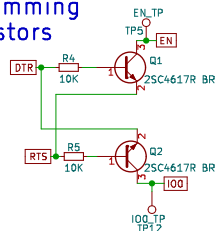
## ADC

### GPIO Assign

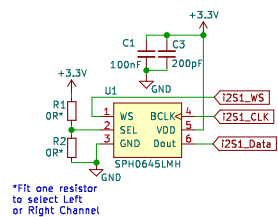


Filter Caps should be placed close to MCU

## Programming Transistors

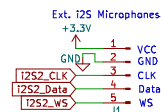
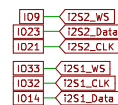


## Microphone

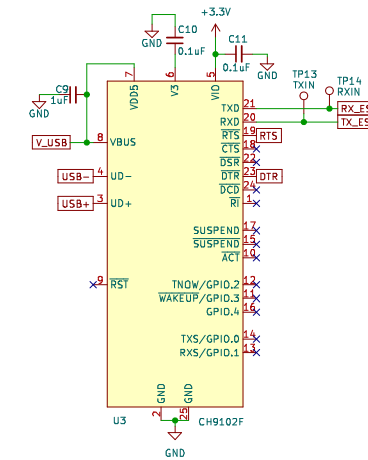


Compatible I2S Microphones:  
• SPH0645  
• ICS-43434

## Breakout



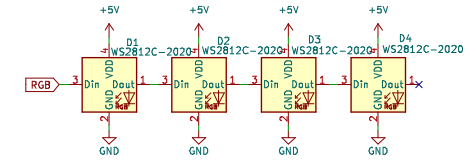
## Programming



## Power



File: Power.kicad\_sch



## Breakout



License: MIT  
Design: Cayden Pierce, Nicholas Gray, Paul Hamilton  
**Team Open Smart Glasses**

Sheet: /  
File: OSSG\_v0p4.kicad\_sch

**Title: Team OpenSource Smartglasses**

Size: A3 Date: 2022-09-15  
KiCad E.D.A. kicad 6.0.7-19a2dcd07-116-ubuntu22.04.1

Rev: V0.4b1  
Id: 1/2

1589-MP2615CGQ-ZCT-ND Digikey P/N - A\$3.66/ea  
946-MP2615GQ-Z Mouser P/N - US\$2.37/ea