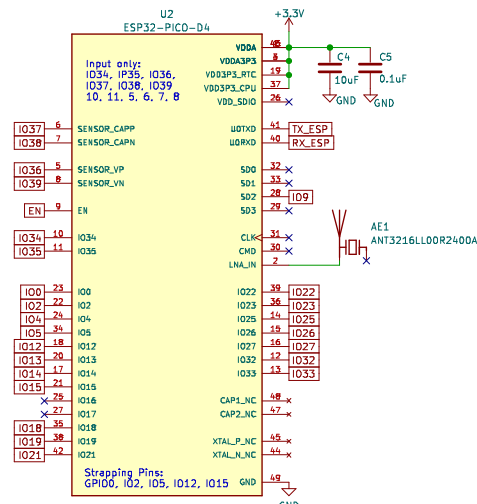
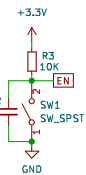


SOC



ESP32-PICO-D4 Datasheet:
"Pins IO16, IO17, CMD, CLK, S00, S01 and S013
(25, 26, 30, 31, 32, 33, 29)
are used to connect the embedded flash,
and can not be used for other purposes.
For details, please see Section 6 Schematics."

Reset

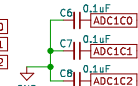


ADC

GPIO Assign

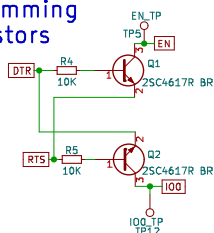


Filters

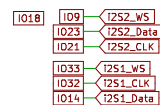


Filter Caps should
be placed close to MCU

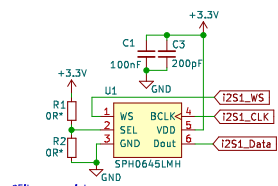
Programming Transistors



Breakout

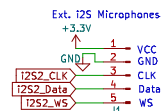


Microphone

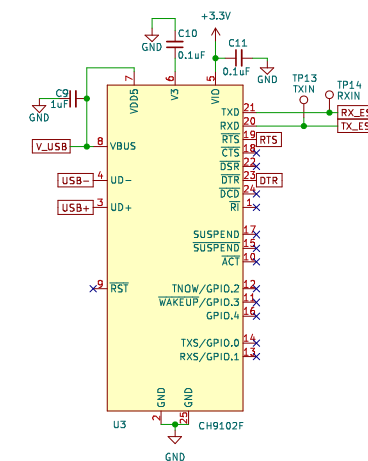


*Fit one resistor
to select Left
or Right Channel

Compatible I2S Microphones:
• SPM0645
• ICS-43434



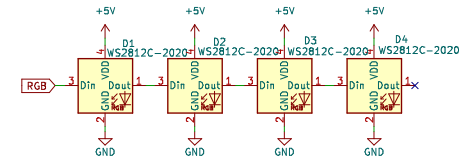
Programming



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

