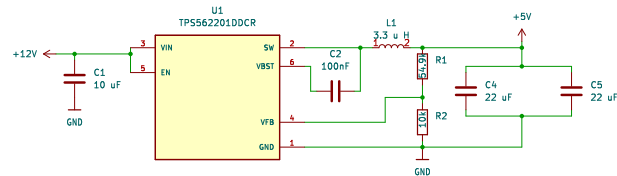


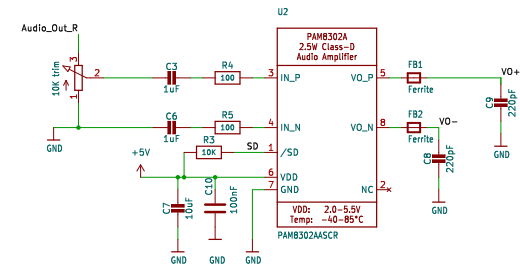
## Power Drop Down Interface

### 12 to 5 Volt



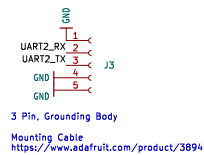
## Amplifier Circuit

4 Ohm 3 Watt Mini Speaker



## External Connectors!

### Serial Connection



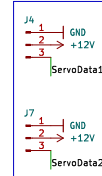
### IMU Connections

Logic Levels all 3.3V

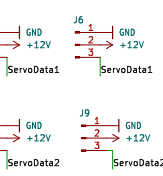


### Molex Connectors

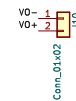
#### Input Plugs



#### Output Plugs



### Speaker Output



### Microphone Input!

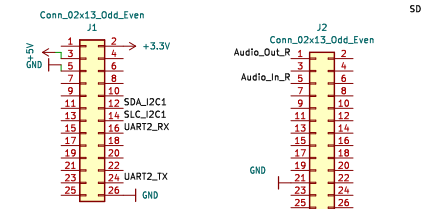
(Plug only, mount is on IMU Board)



## Milk Board Connection

MILK PLUG IN

Connector pins strange here => check the Layout to see alignment!



NOTE: Data Connectors Standardized to JST PH 2 MM Pitch 24 Gauge

Kelsey Pool  
Zeroth

Sheet: /  
File: MilkVHat.kicad\_sch

Title: MilkVHat

Size: B Date: 2024-11-07

KiCad E.D.A. kicad 7.0.5-0

Rev: A  
Id: 1/1