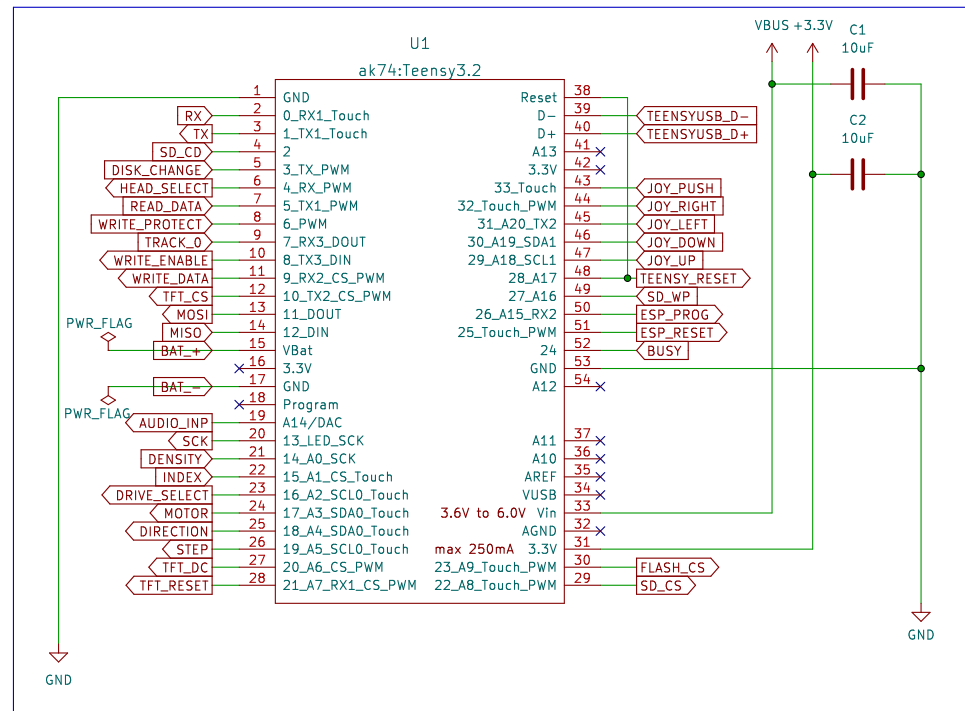


## TEENSY 3.2



## ESP8266



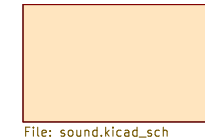
## Power



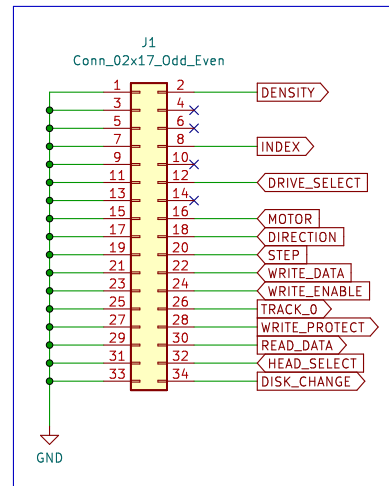
## Memory



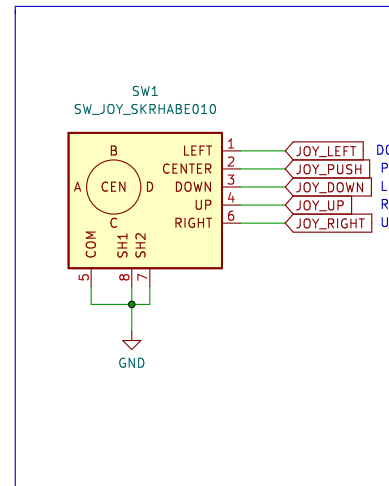
## Sound &amp; Video



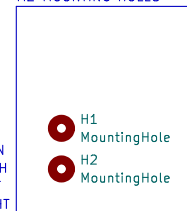
## FLOPPY IDC CONNECTOR



## NAVIGATION JOYSTICK



## M2 MOUNTING HOLES



- [x] Check each sheet against Eagle  
[X] Check power supplies – which Ido powers what



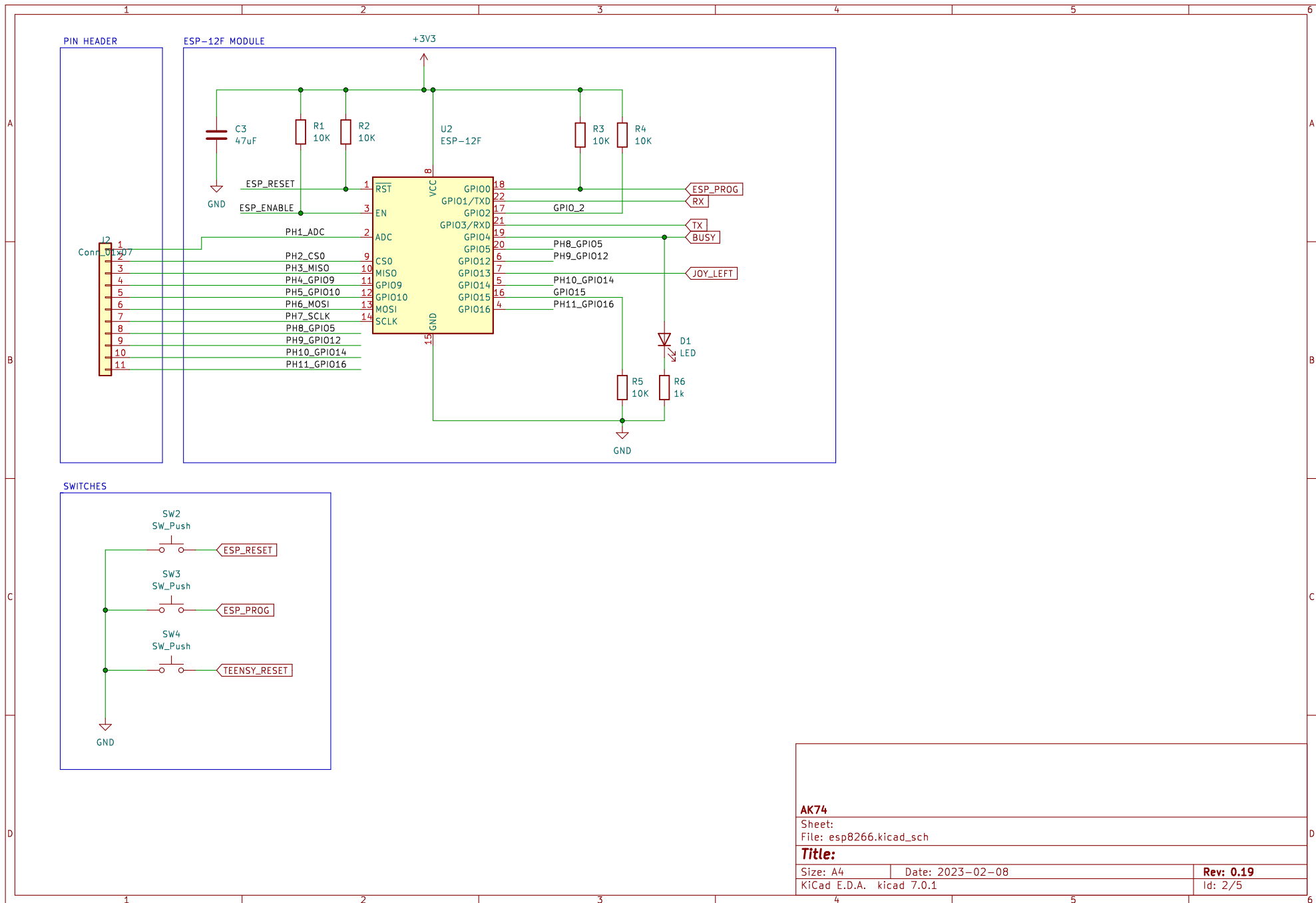
## AK74

Sheet:  
File: XCopy Standalone.kicad\_sch

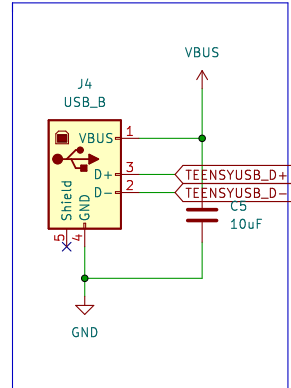
## Title: Top Sheet

Size: A4 Date: 2023-02-08  
KiCad E.D.A. kicad 7.0.1

Rev: 0.19  
Id: 1/5

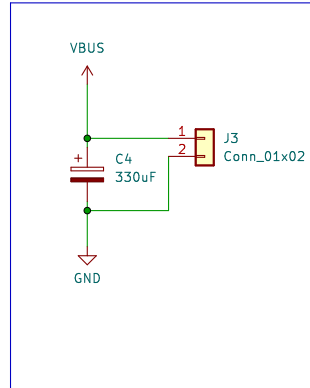


# USB POWER

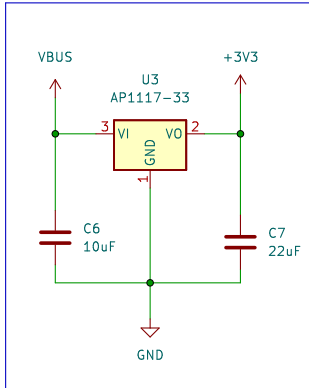


The USB shield has not been connected to ground as this is a device side connection. The USB host should be connected to GND.

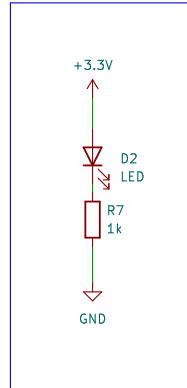
# FLOPPY POWER



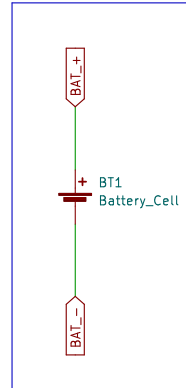
# 3.3V REGULATOR



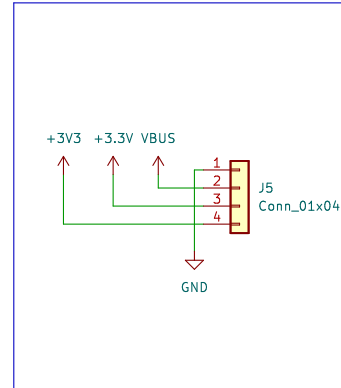
# POWER LED



# RTC BATTERY



# POWER HEADER



SUPPLY	SOURCE
VBUS	USB
TEENSY FLOPPY LDO AUDIO / PAM8302A	
+3.3v	TEENSY
POWER LED SPI FLASH SD CARD	
+3V3	LDO
ESP TFT	

AK74

Sheet:

File: power.kicad\_sch

Title: **Power**

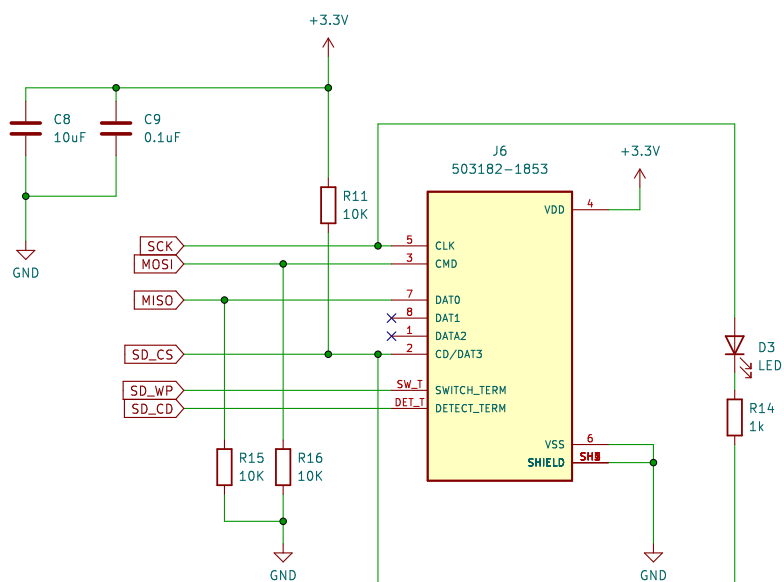
Size: A4

Date: 2023-02-08

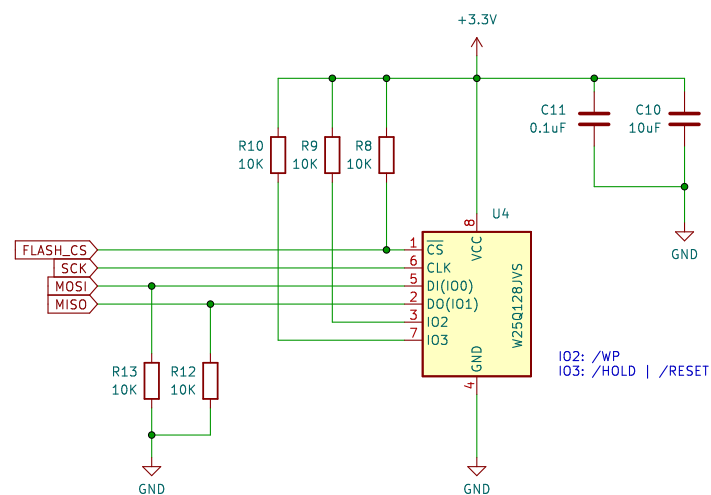
KiCad E.D.A. kicad 7.0.1

Rev: **0.19**

Id: 3/5



POTENTIALLY ALSO PULL UP MISO / MISO



AK74

Sheet:

File: memory.kicad\_sch

**Title: Memory**

Size: A4

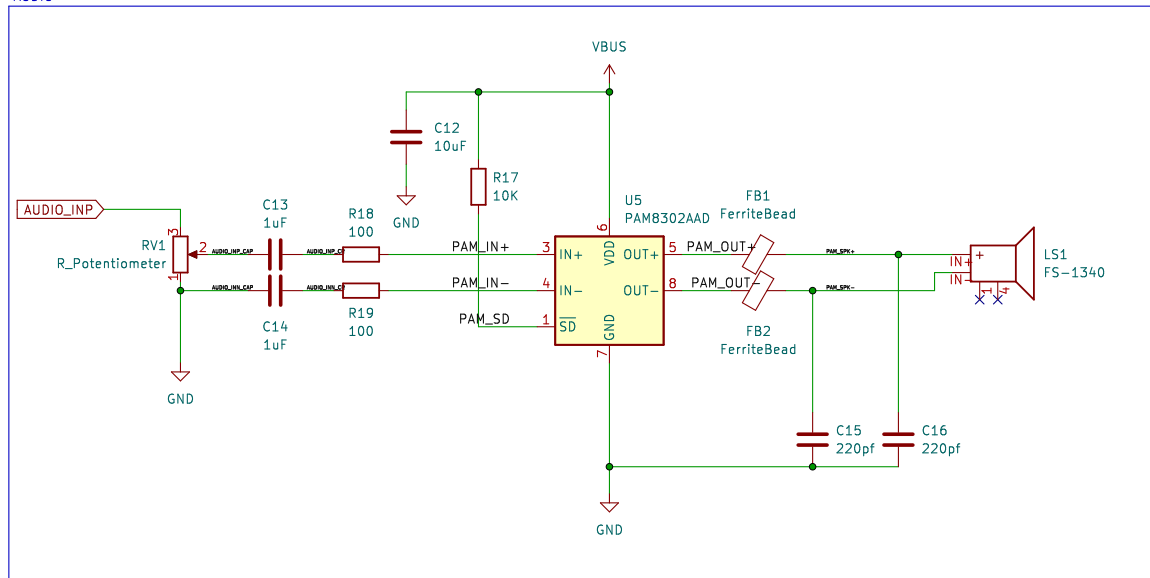
Date: 2023-02-08

Size: A1	Date: 11/11/2023
KiCad E.D.A.	kicad 7.0.1

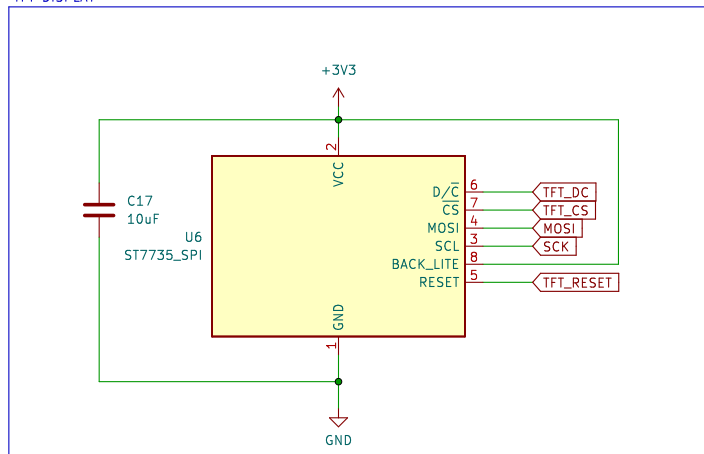
Rev: 0.19

Id: 4/5

# AUDIO



# TFT DISPLAY



AK74

Sheet:

File: sound.kicad\_sch

Title: Sound & Video

Size: A4

Date: 2023-02-08

Rev: 0.19

KiCad E.D.A. kicad 7.0.1

Id: 5/5