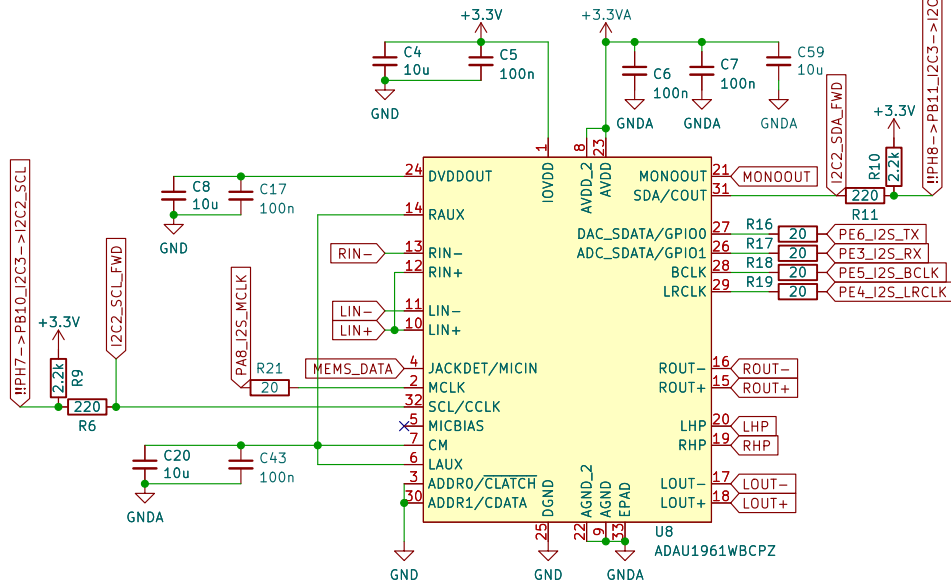
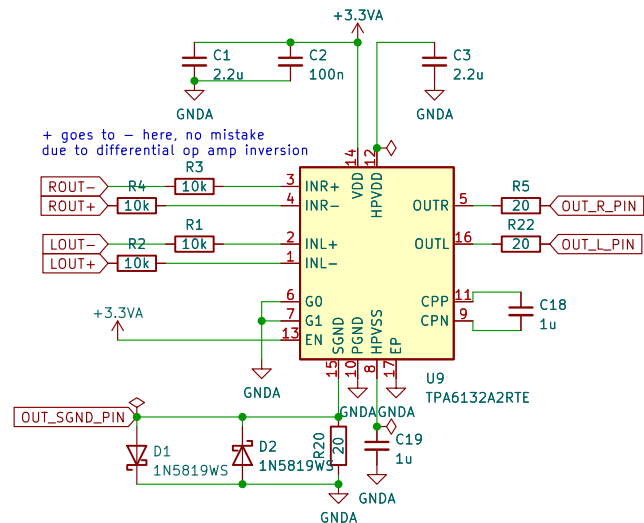


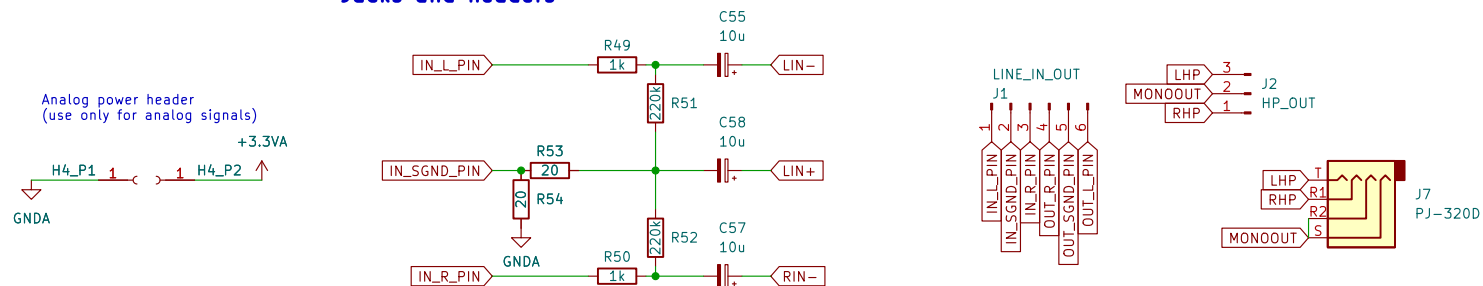
## Codec



## Output Opamp



## Jacks and headers



Sheet: /codec\_adau1961/  
File: codec\_adau1961.kicad\_sch

**Title: Ksoloti Core**

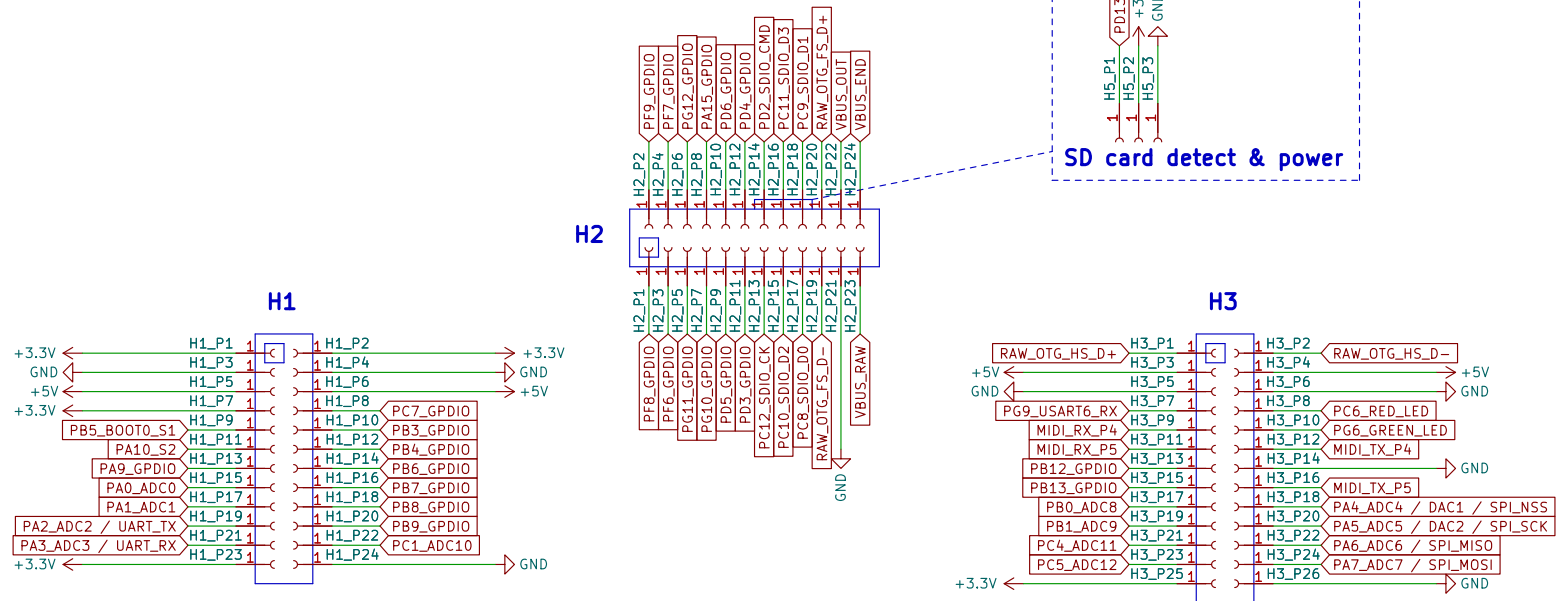
Size: A4 Date: 2024-10-07

KiCad E.D.A. kicad (6.0.11)

**Rev: v0.6**

Id: 2/8

# GPIO and function headers (PCB component side view)



RESERVED for SPILINK implementation  
Leave as is for regular use.



Digital microphone header



Sheet: /headers/

File: headers.kicad\_sch

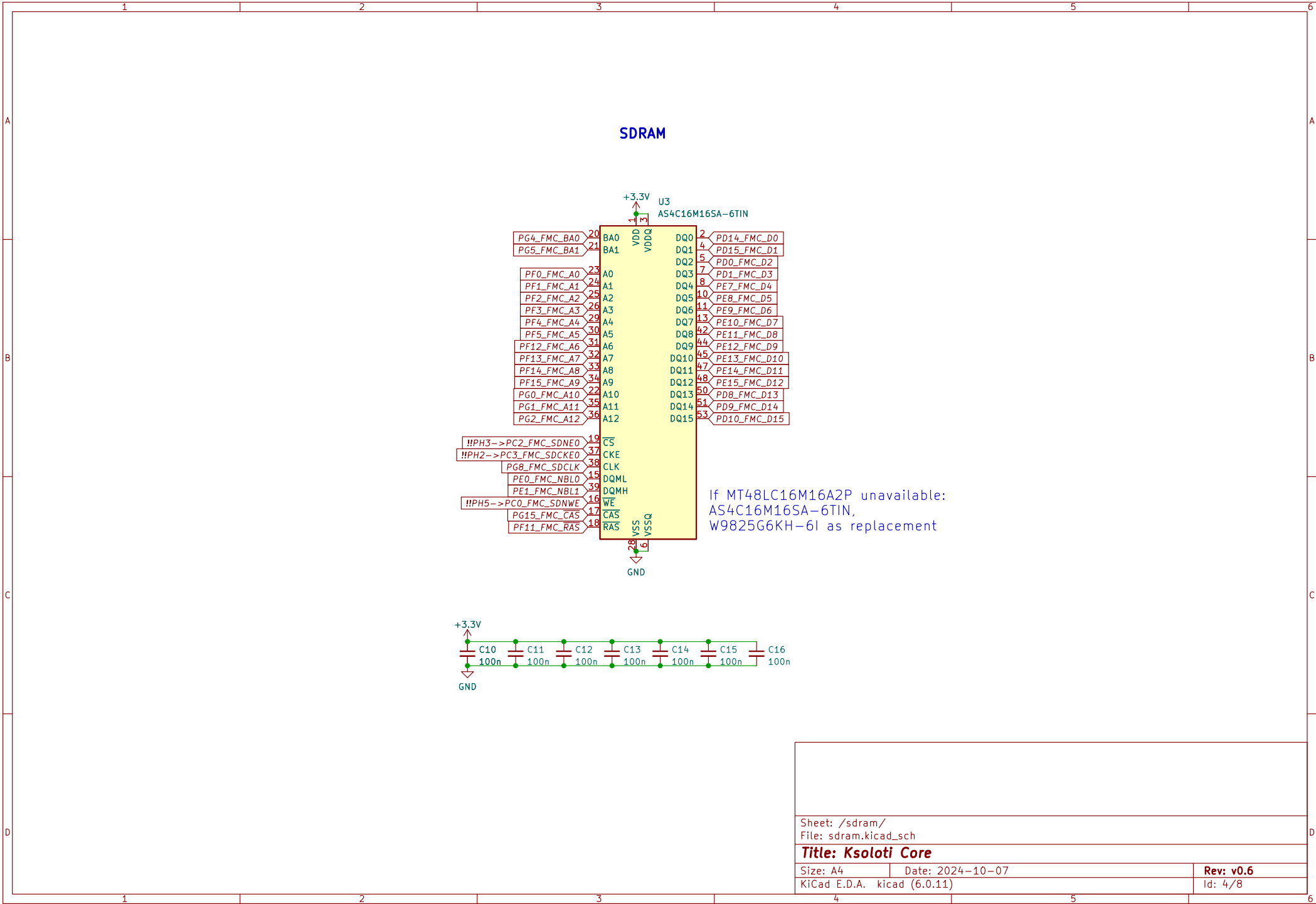
Title: Ksoloti Core

Size: A4 Date: 2024-10-07

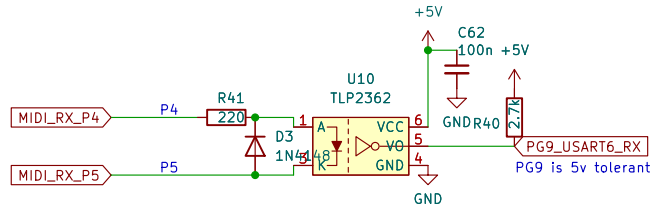
KiCad E.D.A. kicad (6.0.11)

Rev: v0.6

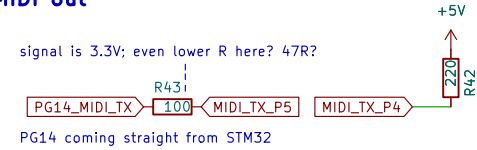
Id: 3/8



### MIDI in (OPTIONAL footprints on the bottom side of the PCB – not placed by default)



### MIDI out



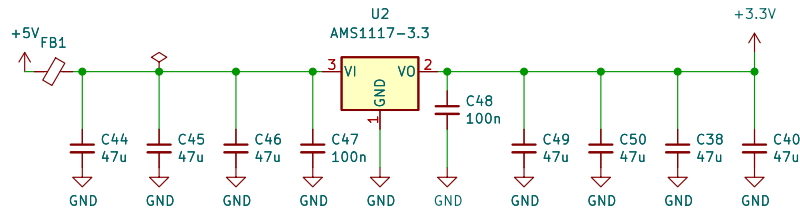
GND = Shield  
M04 = Source  
M05 = Sink

You can connect a DIN MIDI jack directly: Or for TRS MIDI jacks:

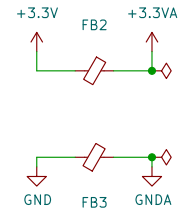
GND -> DIN pin 2  
M04 -> DIN pin 4  
M05 -> DIN pin 5

GND -> TRS sleeve  
M04 -> TRS ring  
M05 -> TRS tip

### 3.3V digital power supply

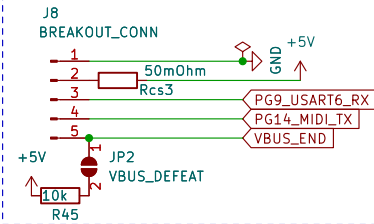


### Analog power (audio path only)



### To optional power/MIDI board

WARNING: J8 pinout inconsistent with Axoloti Core



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

**Title: Ksoloti Core**

Size: A4 Date: 2024-10-07

KiCad E.D.A. kicad (6.0.11)

**Rev: v0.6**

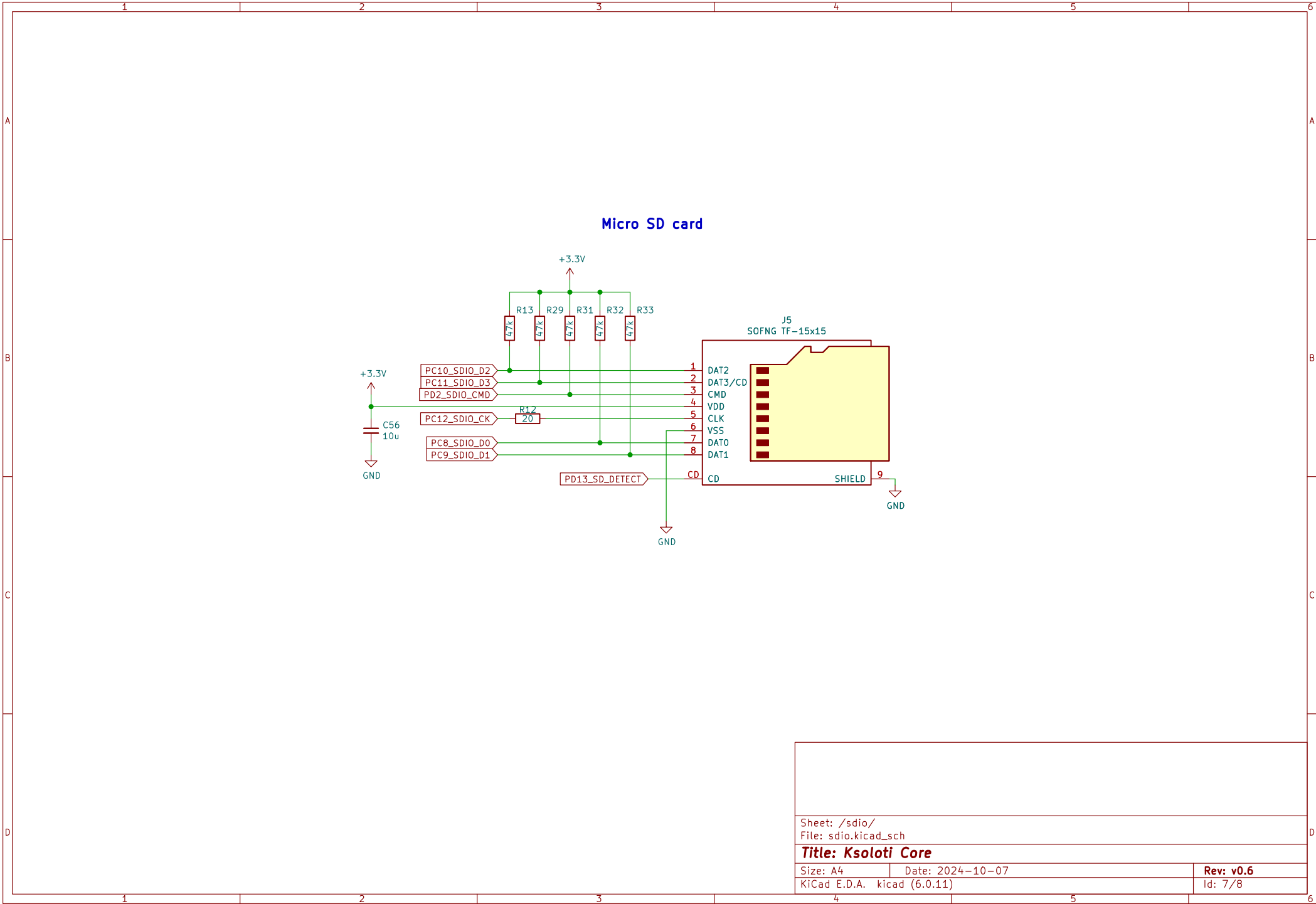
Id: 5/8

[illegible][illegible]

**Title: Ksoloti Core**

4
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Sheet: /sdio/  
File: sdio.kicad\_sch

**Title: Ksoloti Core**

Size: A4 Date: 2024-10-07

KiCad E.D.A. kicad (6.0.11)

**Rev: v0.6**

Id: 7/8

## A

B

- C

## D

Sheet: /changelog/		D
File: changelog.kicad_sch		
<b>Title: Ksoloti Core</b>		
Size: A4	Date: 2024-10-07	
KiCad E.D.A. kicad (6.0.11)		Rev: v0.6
		Id: 8/8