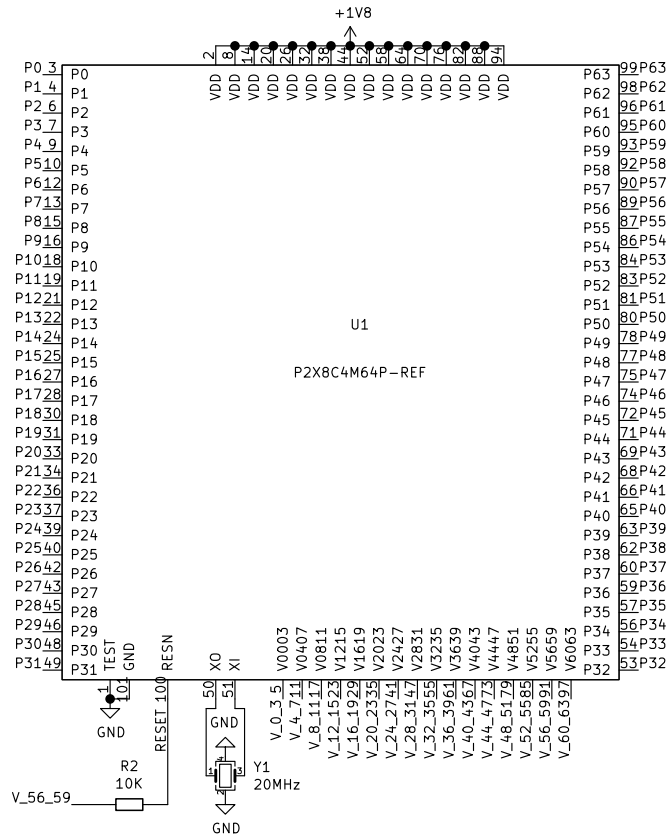
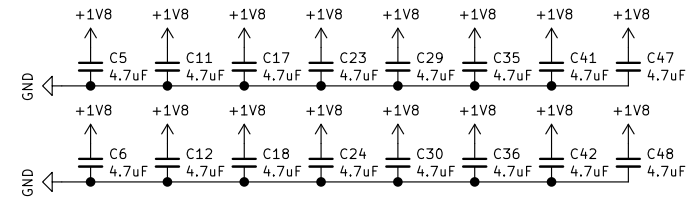


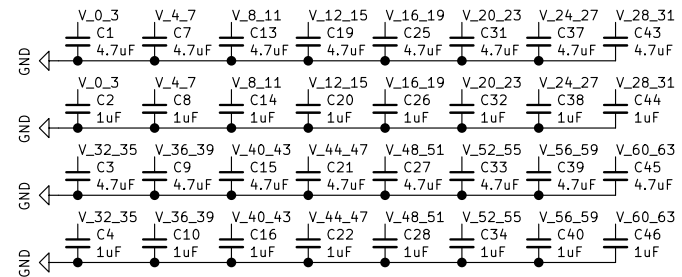
## Propeller 2



## Core Supply Capacitors



## IO Supply Capacitors



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Sheet: /

File: MAD\_P2.sch

**Title: MaD\_P2**

Size: A4

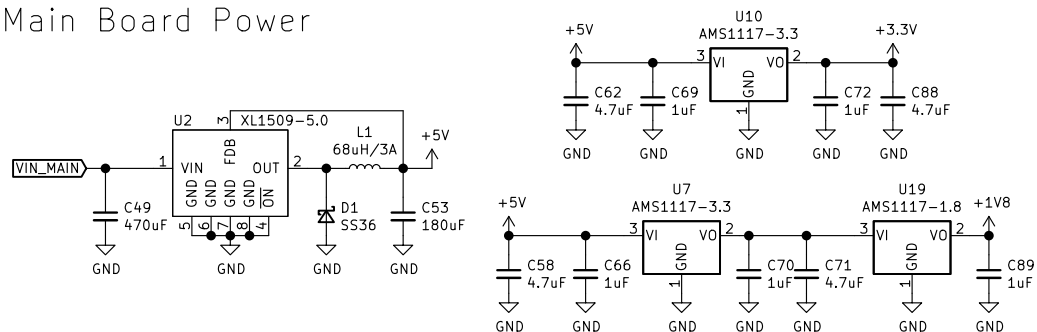
Date: 2021-05-06

KiCad E.D.A. kicad (5.1.9)-1

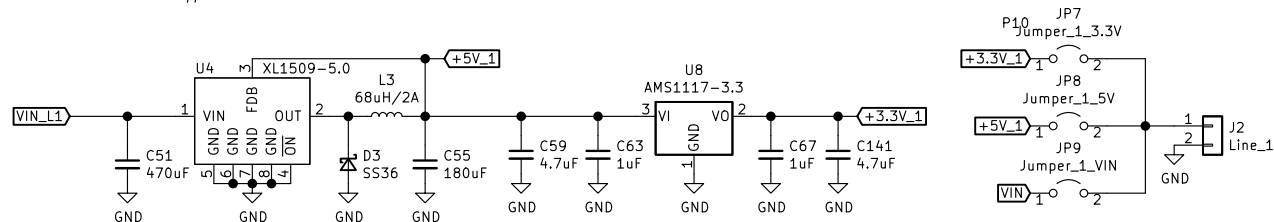
Rev: 1

Id: 1/7

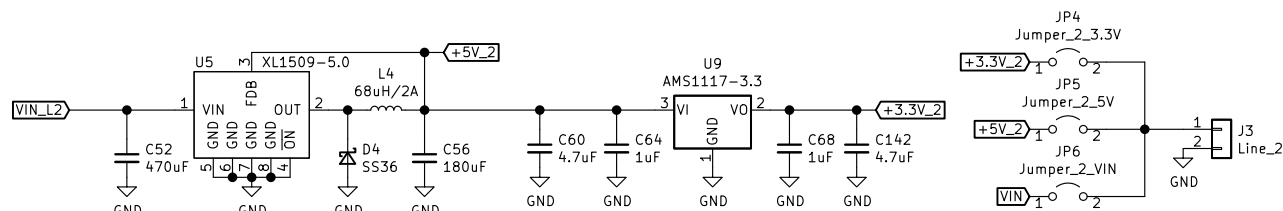
## Main Board Power



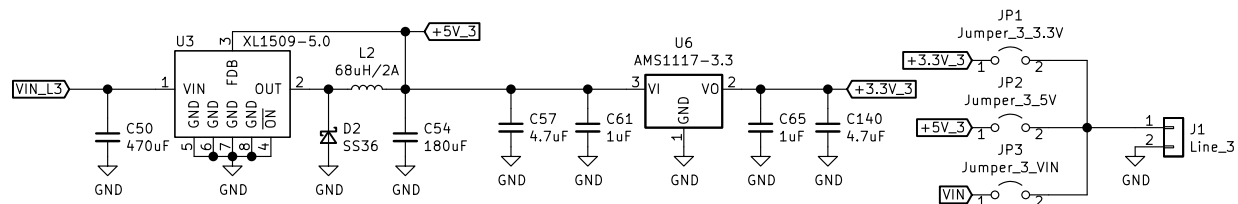
## Line Out #1



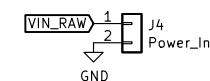
## Line Out #2



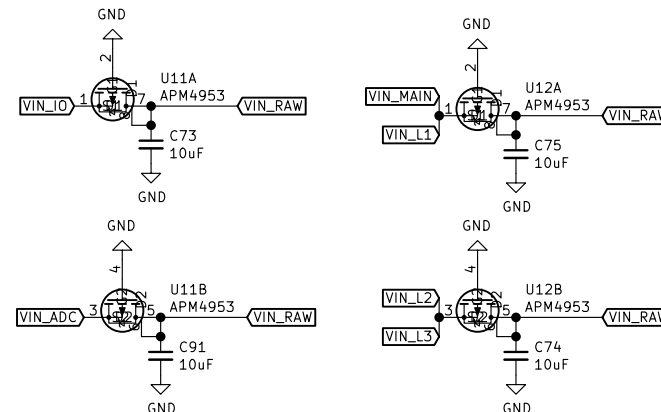
## Line Out #3



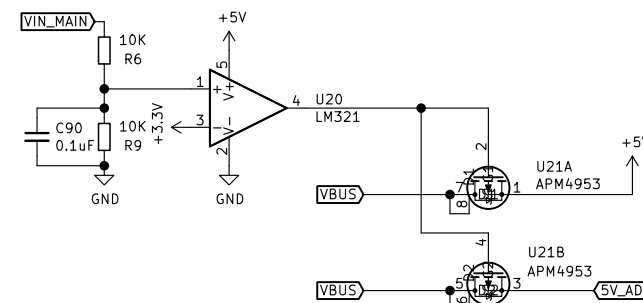
## Power



## Reverse Polarity and Over Current Protection



## Voltage Selection



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Sheet: /Power/  
File: Power.sch

Title: MaD\_P2

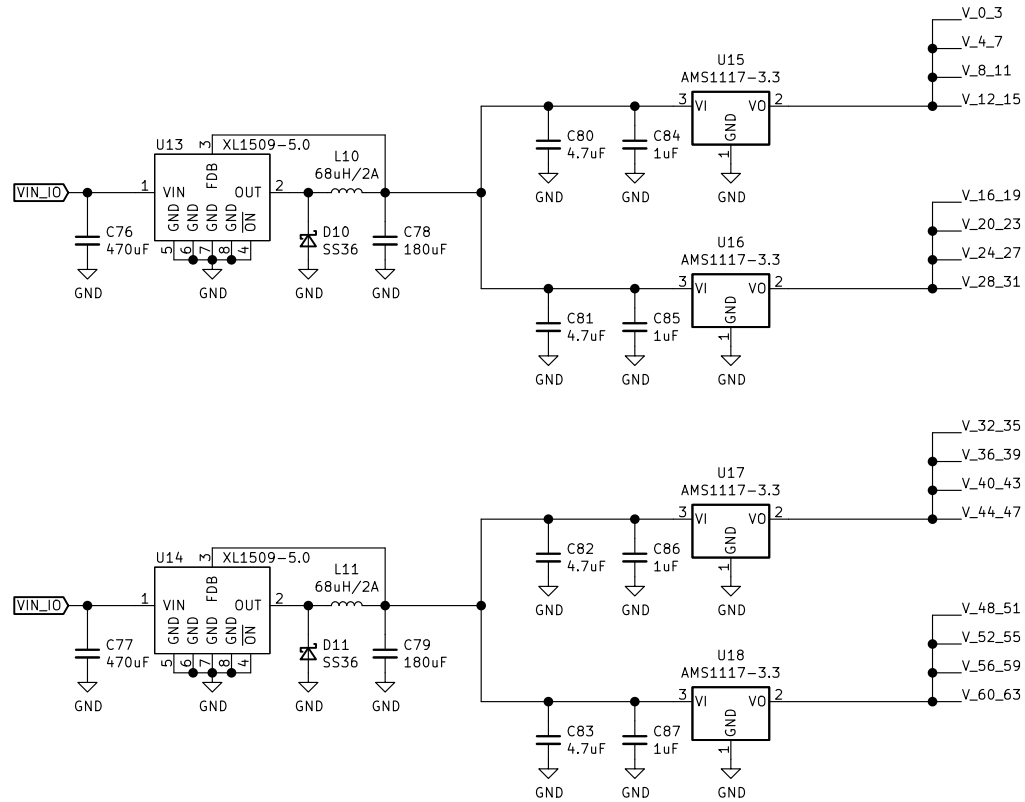
Size: A4 Date: 2021-05-06

KiCad E.D.A. kicad (5.1.9)-1

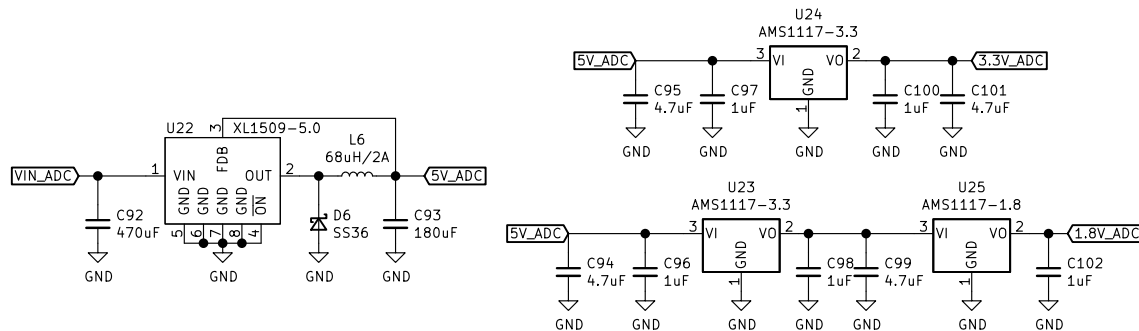
Rev: 1

Id: 2/7

## IO Power



## ADC/DAC Power



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Sheet: /Power2/

File: Power2.sch

**Title: MaD\_P2**

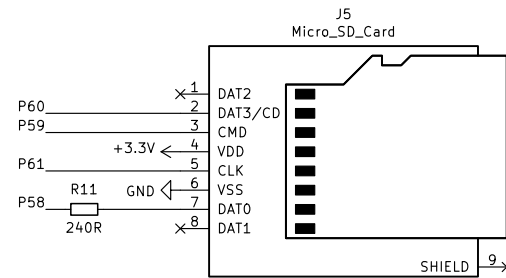
Size: A4 Date: 2021-05-06

KiCad E.D.A. kicad (5.1.9)-1

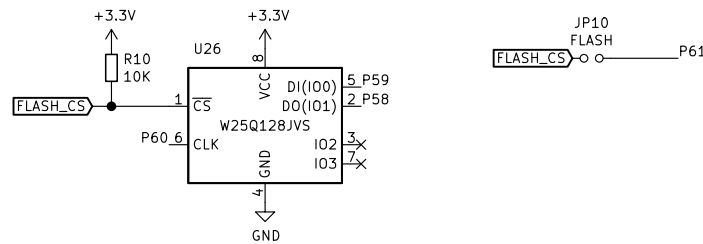
**Rev: 1**

Id: 3/7

## Boot SD Card



## Optional Boot SPI Flash



Sheet: /Memory/  
File: Memory.sch

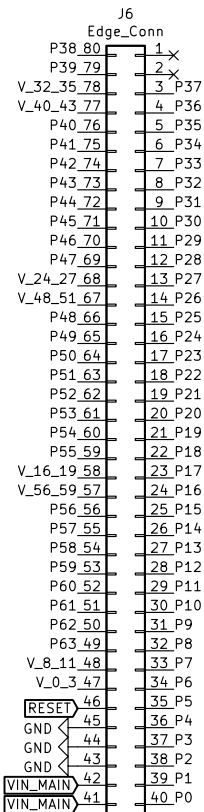
### Title:

Size: A4  
KiCad E.D.A. kicad (5.1.9)-1

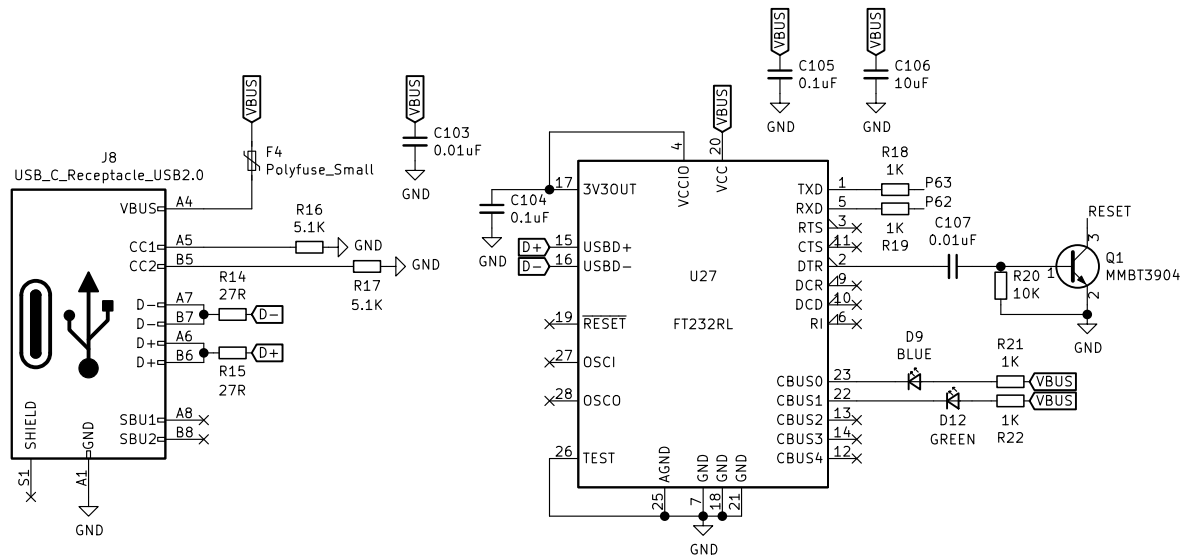
Date:

Rev:  
Id: 4/7

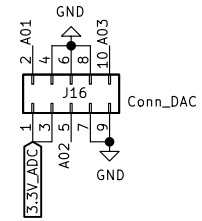
## Edge Connector



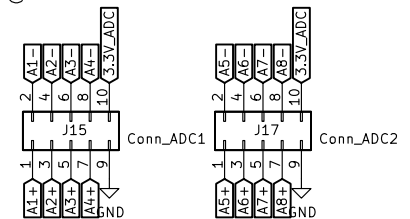
## USB Serial



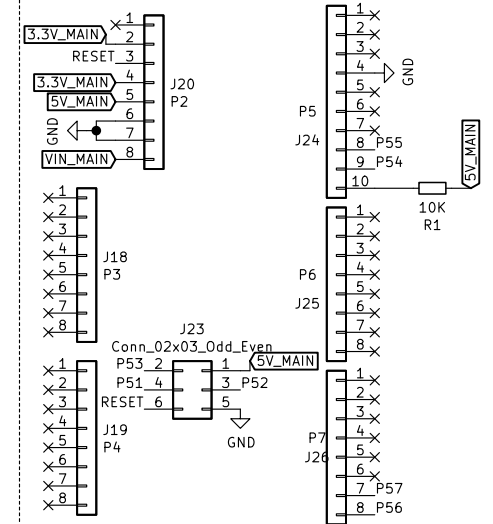
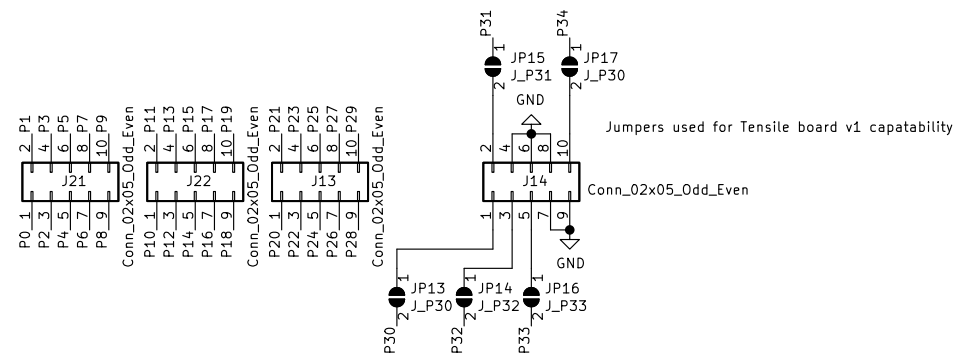
## DAC



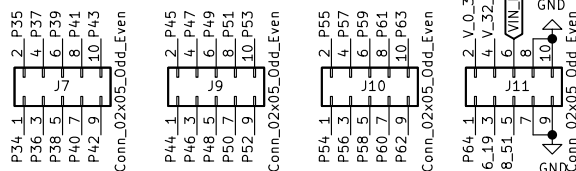
## ADC



## Tensile Board Connectors



## IO Breakout



Sheet: /Connections/  
File: Connections.sch

Title:

Size: A4

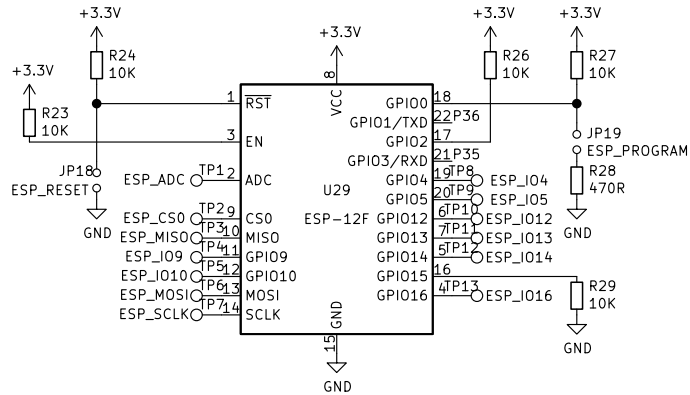
Date:

KiCad E.D.A. kicad (5.1.9)-1

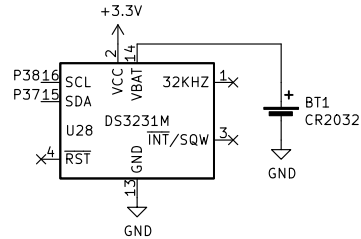
Rev:

Id: 5/7

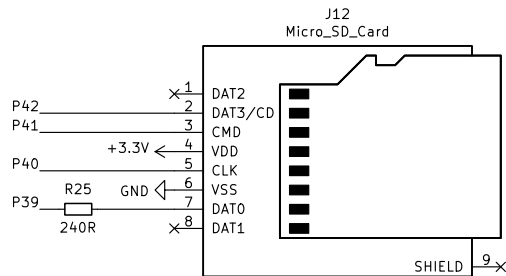
## WIFI



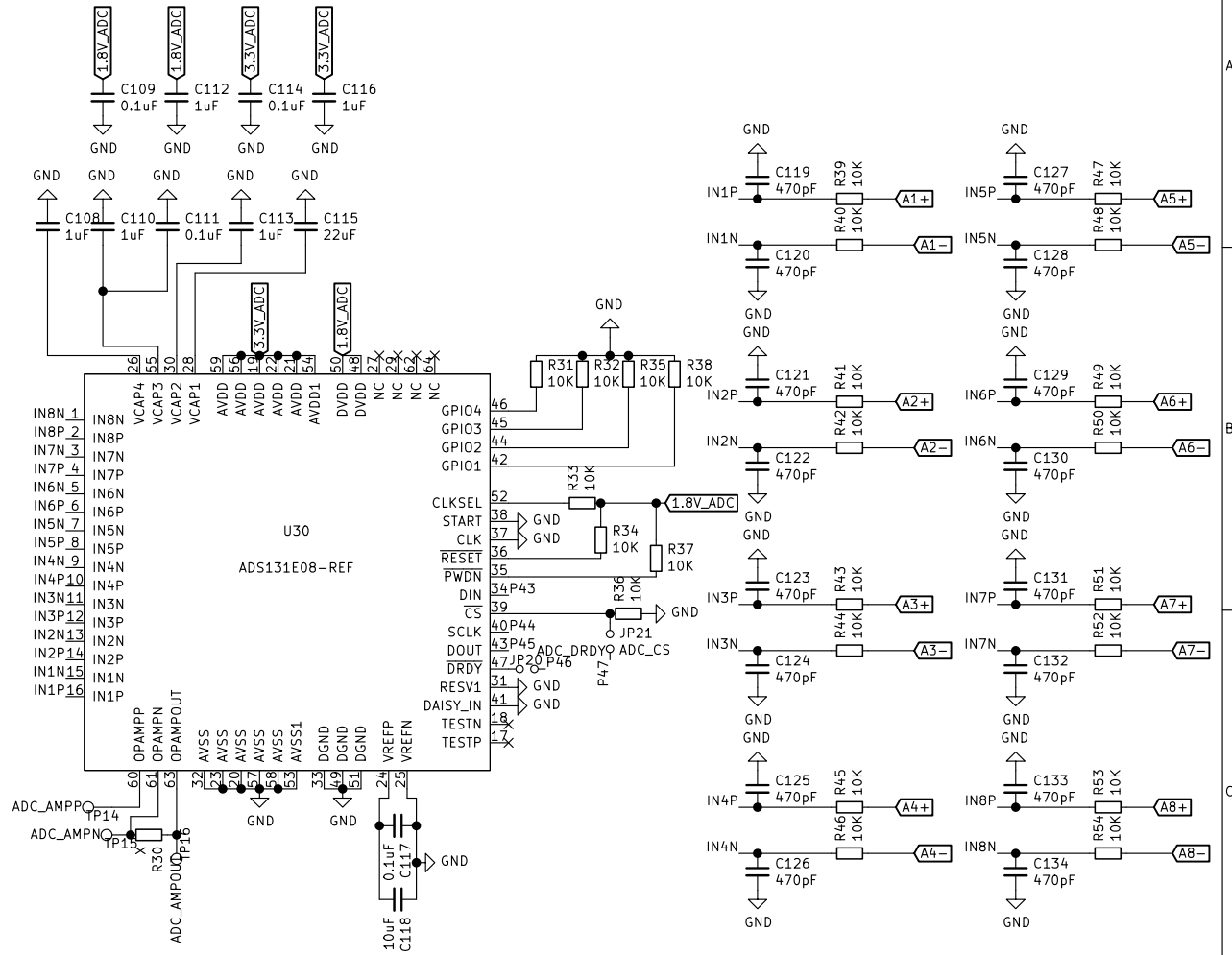
## Real Time Clock



## Data SD Card



## 24 Bit ADC



Sheet: /Peripherals/  
File: Peripherals.sch

**Title:**

Size: A4

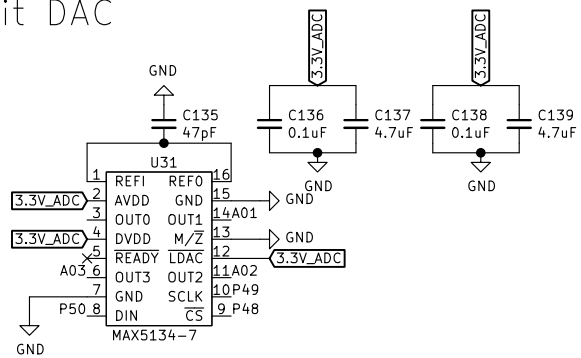
Date:

KiCad E.D.A. kicad (5.1.9)-1

**Rev:**

Id: 6/7

## 16 Bit DAC



Sheet: /PeripheralsCont/  
File: PeripheralsCont.sch

**Title:**

Size: A4	Date:
KiCad E.D.A.	kiCad (5.1.9)–1

Rev:
Id: 7/7