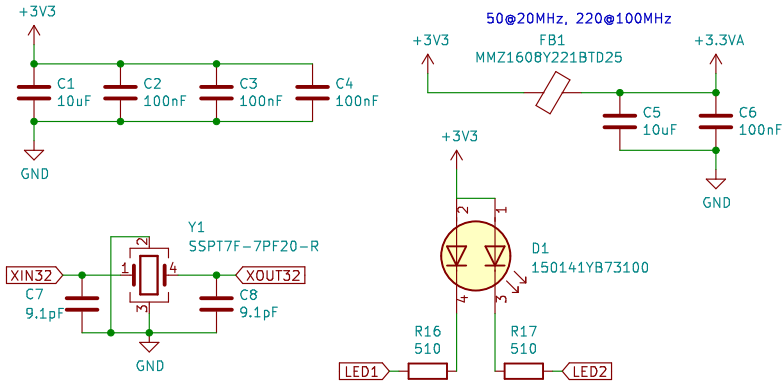
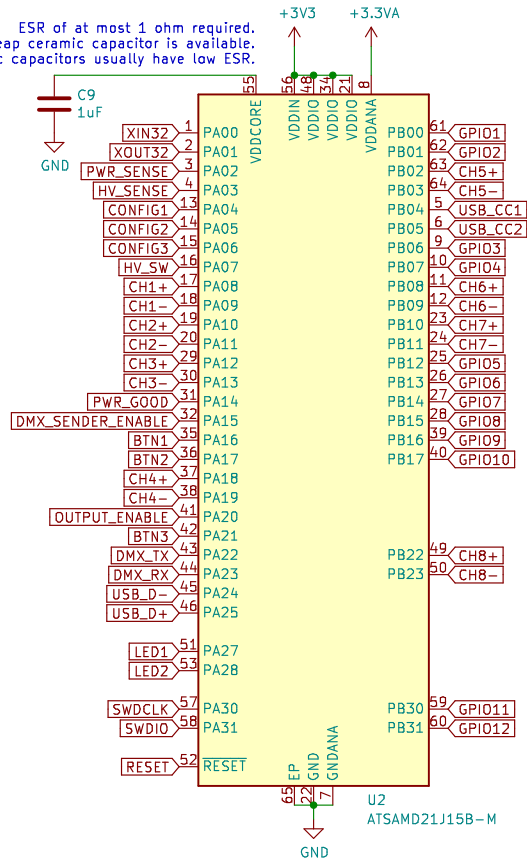


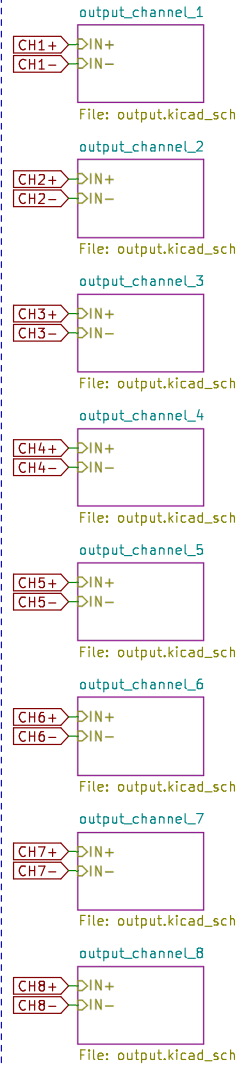
# SAM D21 MCU



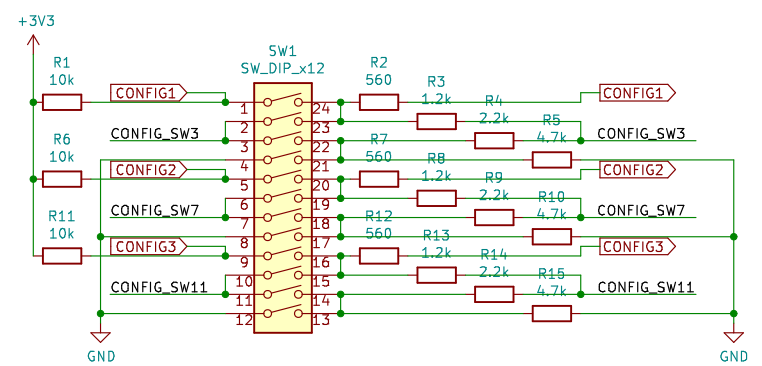
ESR of at most 1 ohm required.  
However a cheap ceramic capacitor is available.  
Ceramic capacitors usually have low ESR.



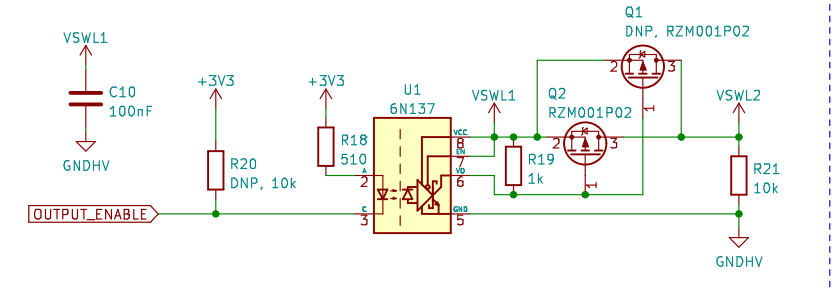
## Output Channels



## DMX channel switches



## Output enable circuit



## Power supply



File: power.kicad\_sch

## connectivity



File: connectivity.kicad\_sch

Light by Christian Baldus

Sheet: /  
File: ELController.kicad\_sch

Title: EL Controller

Size: A4 Date: 2022-01-22

KiCad E.D.A. kicad 6.0.4

Rev: 1  
Id: 1/11

VCC

JP1

SolderJumper

2k

2k

JP2

SolderJumper

+5V

D9

BAT54A\_R1\_00001

REV: 1  
Id: 2/11



