

Sheet: /dual\_mono\_inputs1/  
File: dual\_mono\_inputs.kicad\_sch

**Title:**

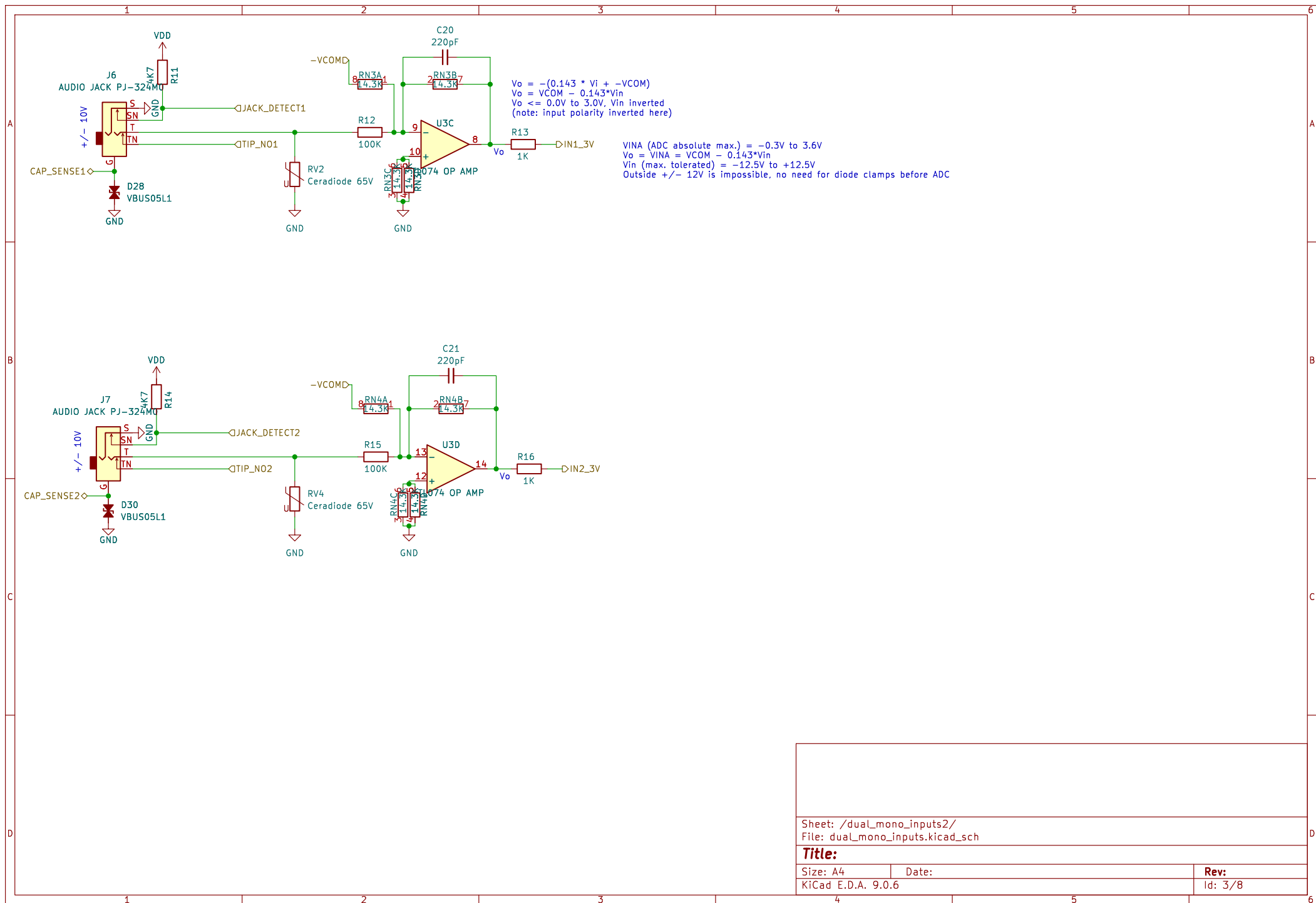
Size: A4

Date:

KiCad E.D.A. 9.0.6

**Rev:**

Id: 2/8



Sheet: /dual\_mono\_inputs2/  
File: dual\_mono\_inputs.kicad\_sch

**Title:**

Size: A4 Date:

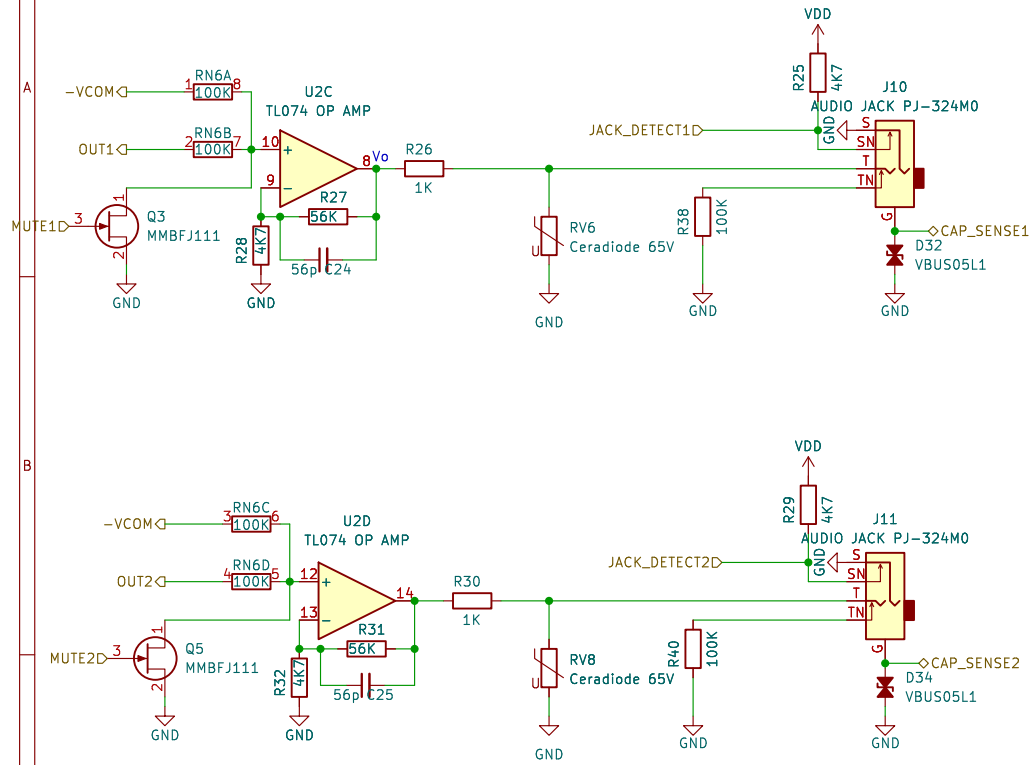
KiCad E.D.A. 9.0.6

**Rev:**

Id: 3/8



$V_o = (1 + 56/4.7)(AOUT - VCOM)/2$   
 $V_o = 6.46 * (AOUT - 1.65V)$   
 0.1V in => -10V out, 3.2V in => +10V out



Sheet: /dual\_mono\_outputs2/  
 File: dual\_mono\_outputs.kicad\_sch

**Title:**

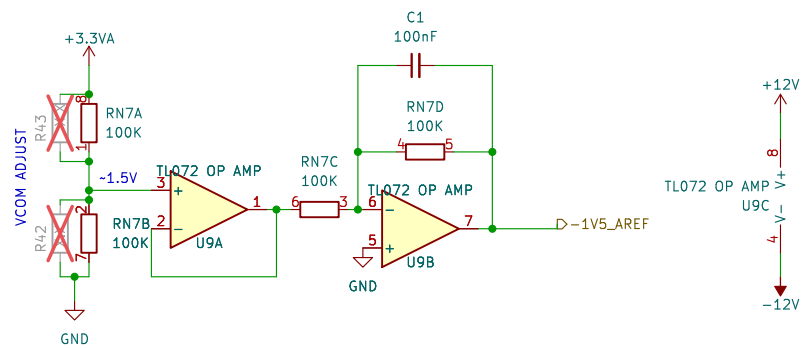
Size: A4

Date:

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**Rev:**

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Sheet: /vref/  
File: vref.kicad\_sch

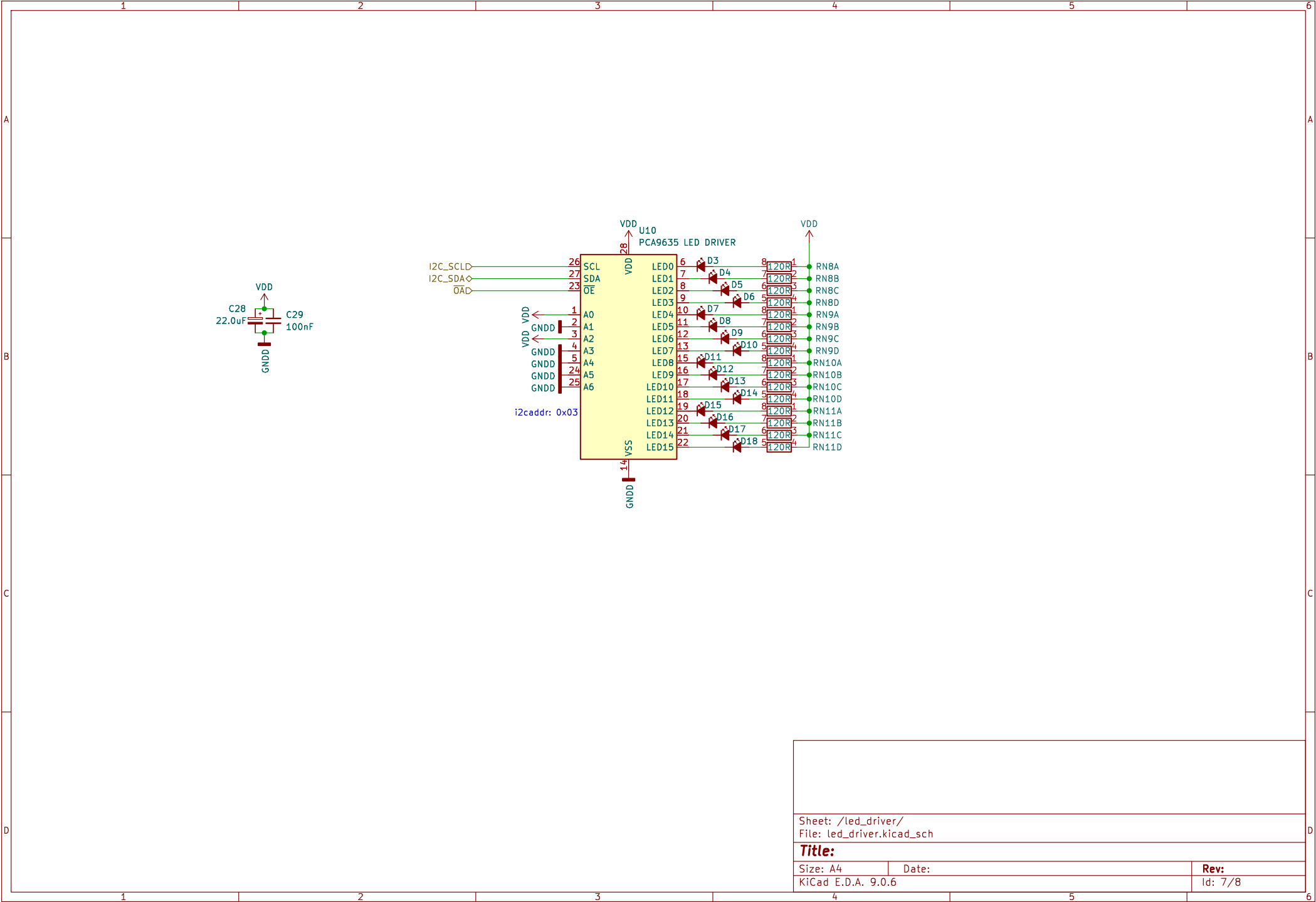
**Title:**

Size: A4 Date:

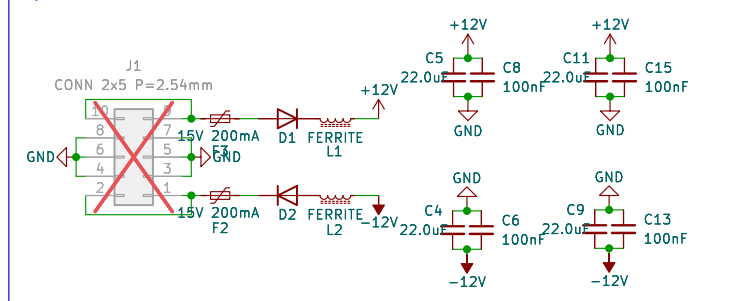
KiCad E.D.A. 9.0.6

**Rev:**

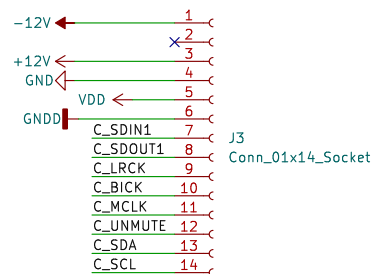
Id: 6/8



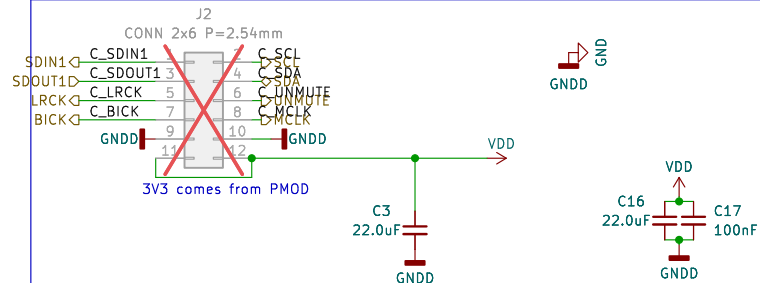
## +/- 12V IN



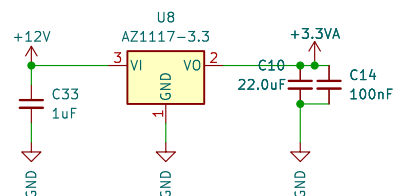
FFC INGRESS or AUX BOARD  
AUX could recieve OR provide +/- 12V  
Must supply 3V3



## PMOD, +3.3V IN



[REMOVED]  
Daughterboard AUX



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

### Title:

Size: A4 Date:

KiCad E.D.A. 9.0.6

Rev:

Id: 8/8