

Author: Andrea Cisternino <a.cisternino@gmail.com>  
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Sheet: /  
File: C64C-250469-01-A.sch

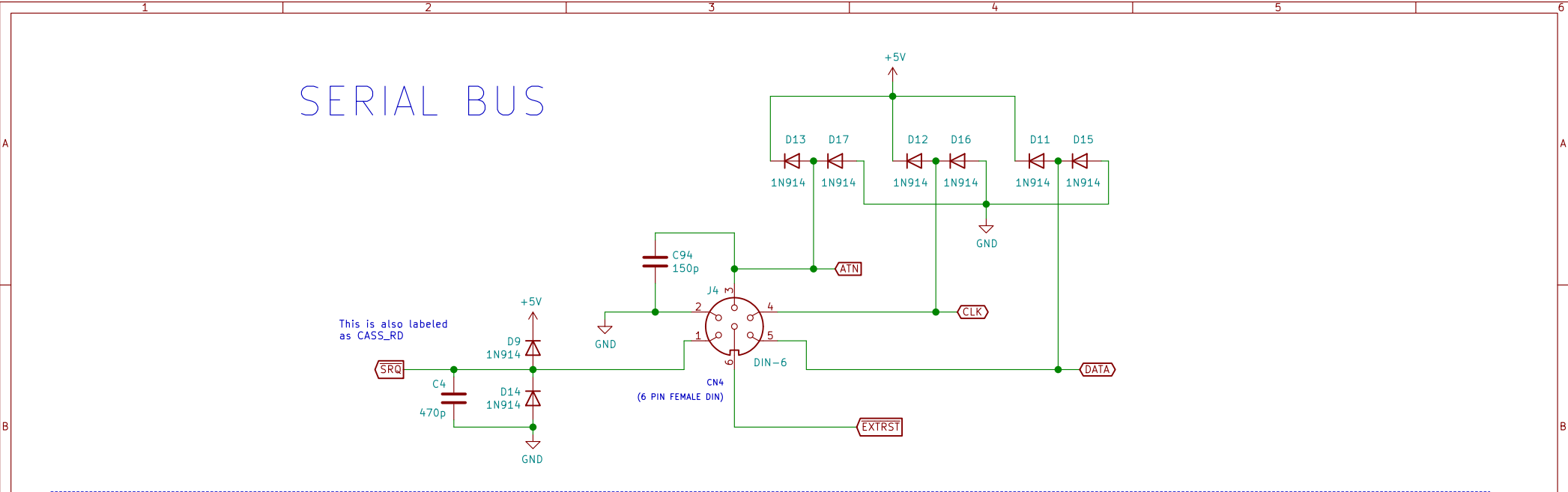
**Title: Commodore C64C - Assy 250469-01 Rev. A**

Size: A4 Date: 2020-04-15

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Rev: 1

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[illegible]

The edge connector is dual-sided with corresponding pads connected

J3  
Conn\_02x6\_Edge

A 1  
B 2  
C 3  
D 4  
E 5  
F 6

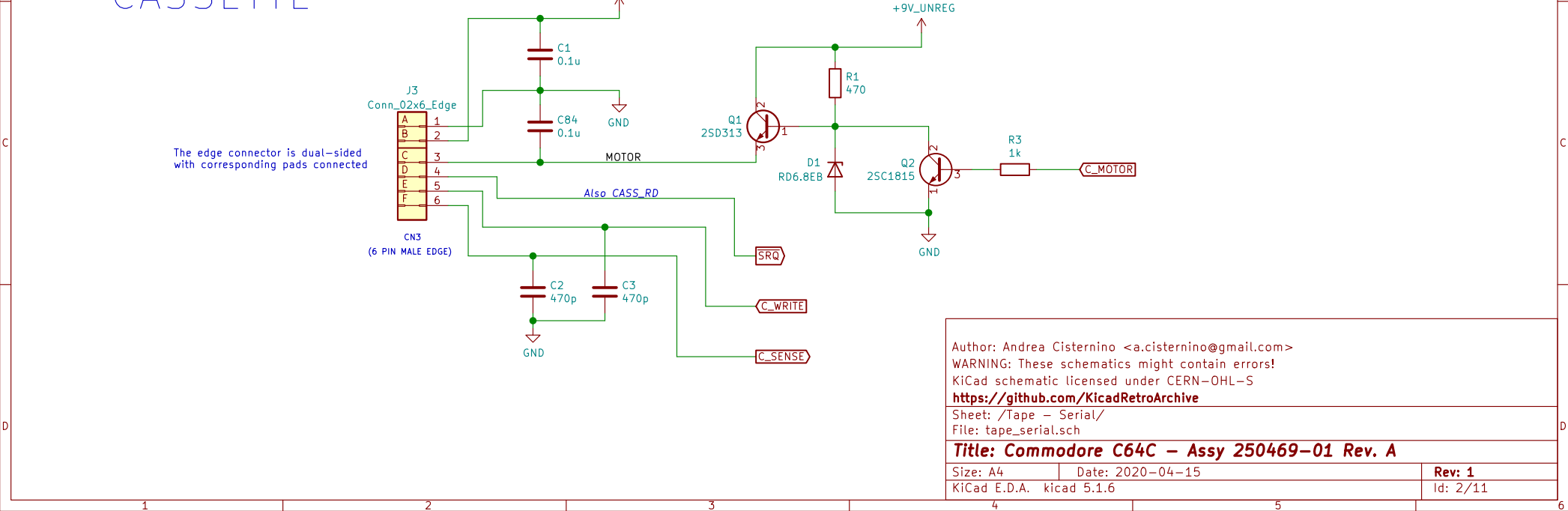
CN3  
(6 PIN MALE EDGE)

C1 0.1u  
C84 0.1u  
C2 470p  
C3 470p

+9V\_UNREG  
GND  
MOTOR  
Also CASS\_RD  
SRQ  
C\_WRITE  
C\_SENSE  
C\_MOTOR

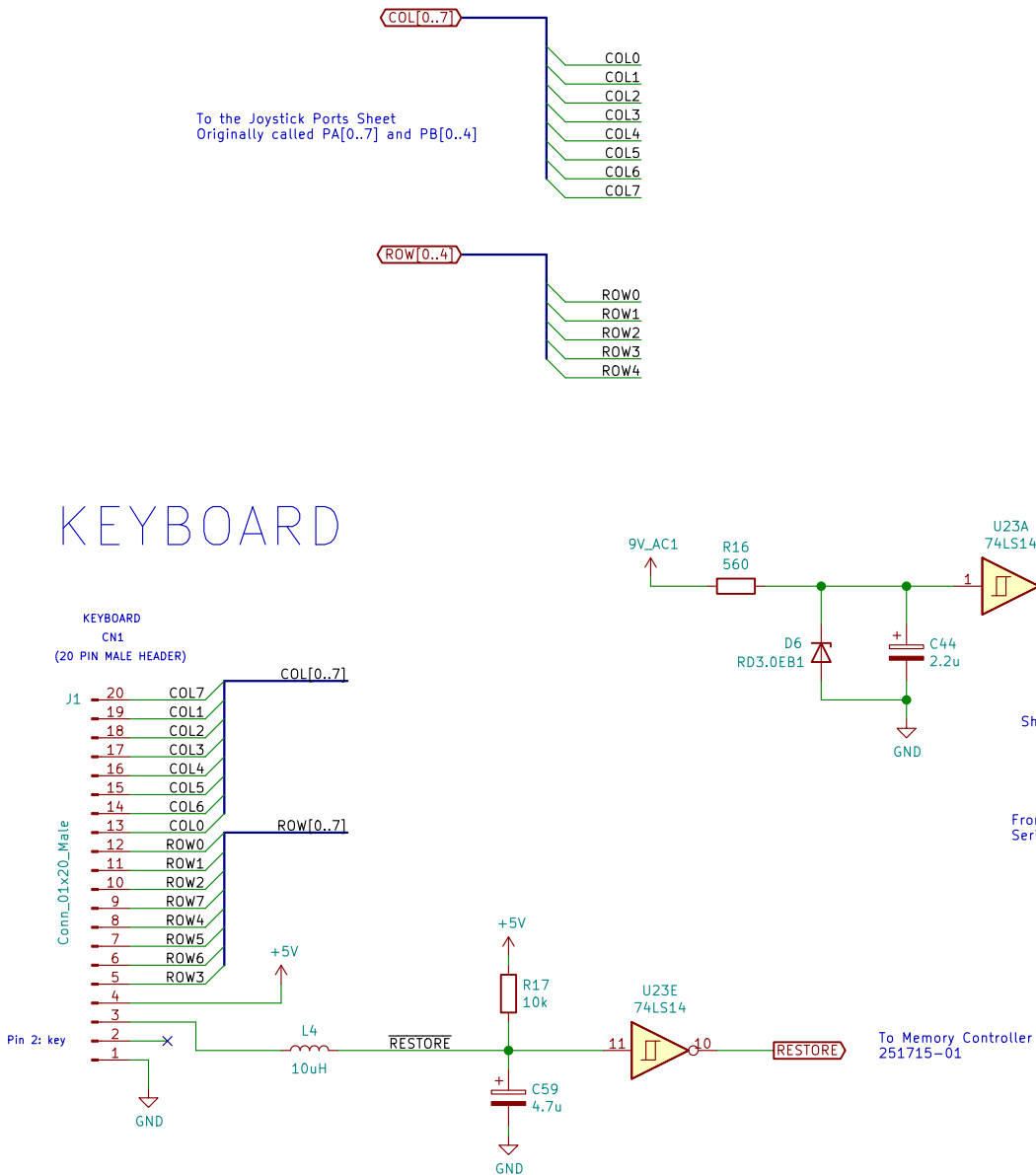
Q1 2SD313  
Q2 2SC1815  
D1 RD6.8EB  
R1 470  
R3 1k

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Sheet: /Tape - Serial/  
File: tape\_serial.sch  
**Title: Commodore 64C - Assay 250469-01 Rev. A**  
Size: A4 Date: 2020-04-15 Rev: 1  
KiCad E.D.A. kicad 5.1.6 Id: 2/11

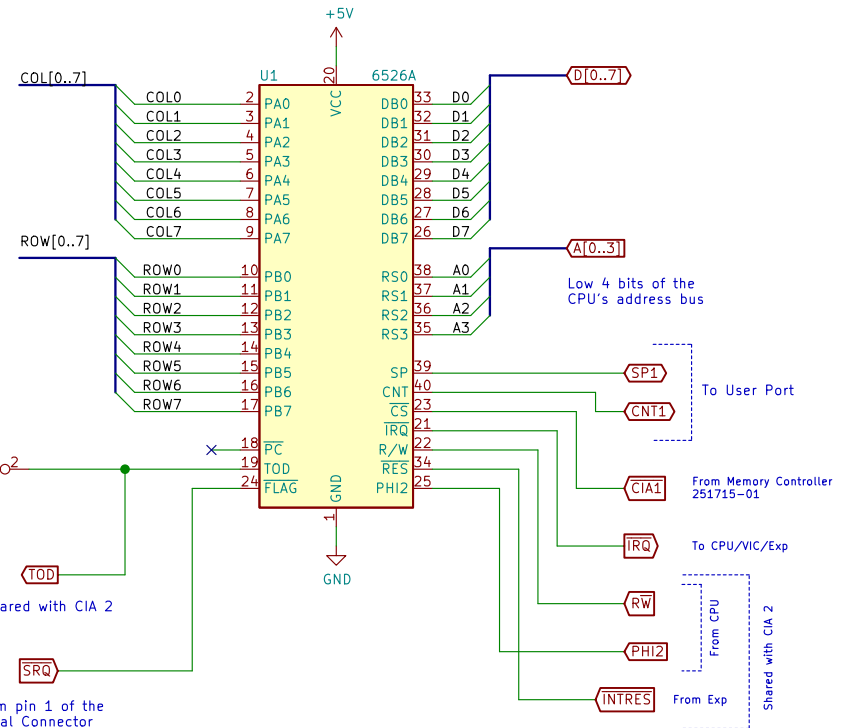


Id: 2/11

# KEYBOARD



# CIA 1 (DC00-DCFF)



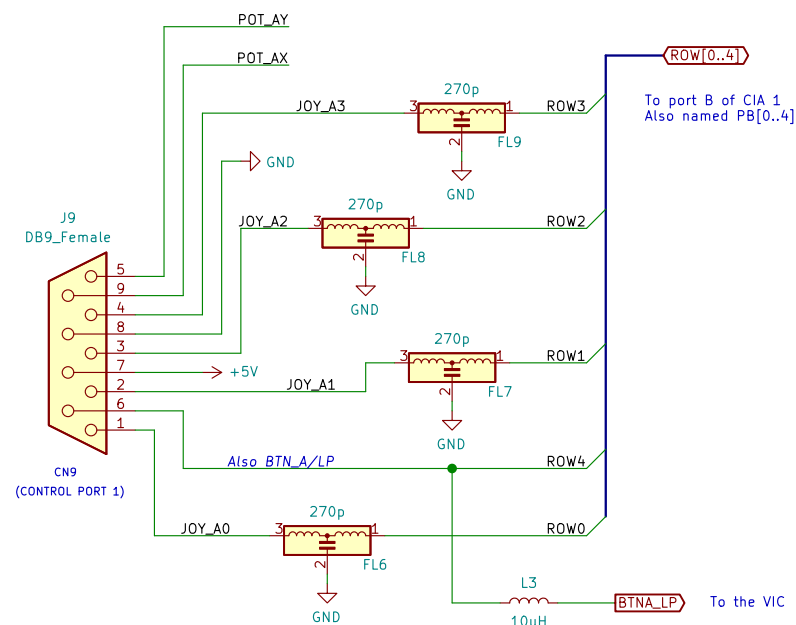
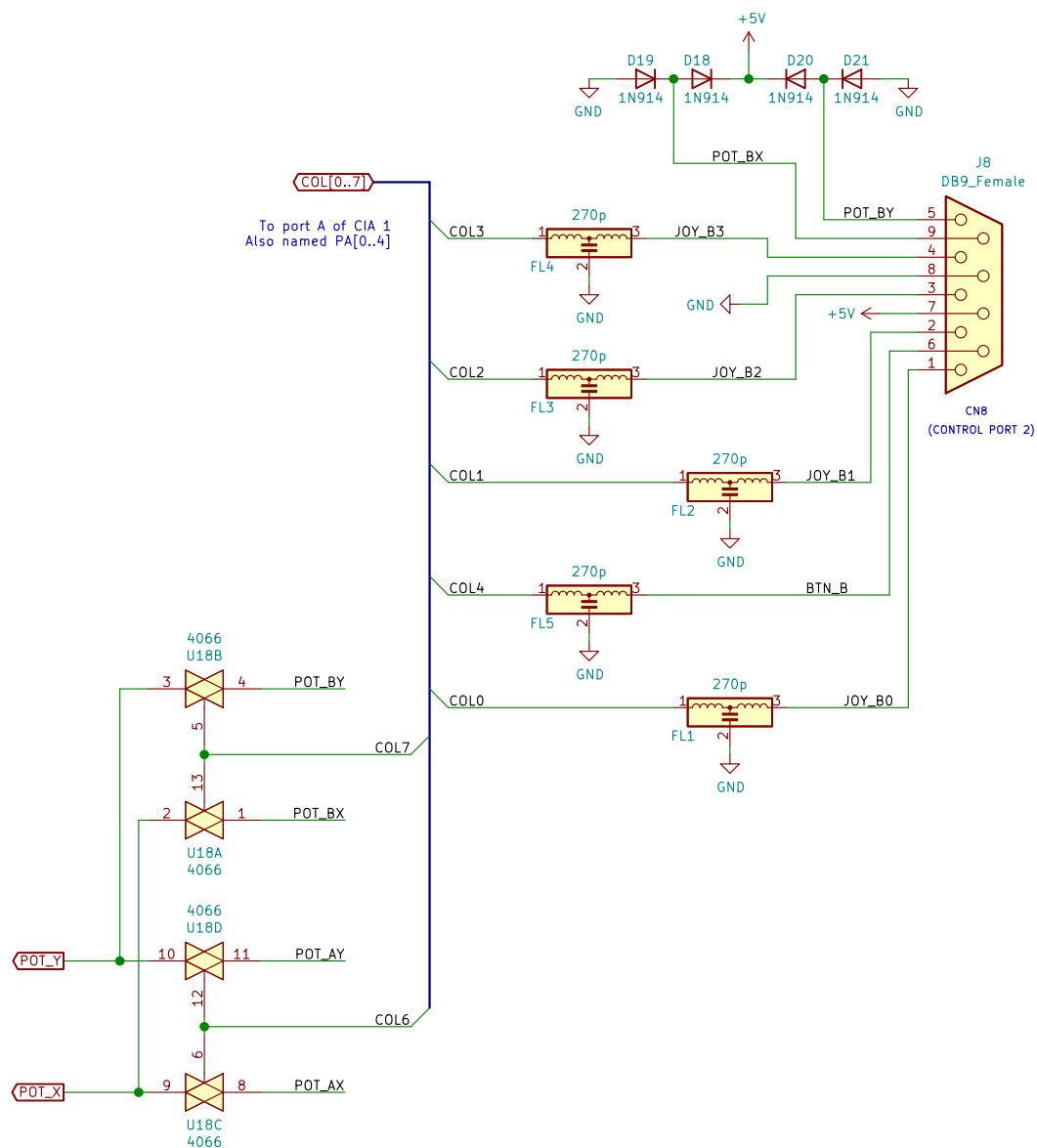
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Sheet: /Keyboard - CIA 1/  
File: keyboard.sch

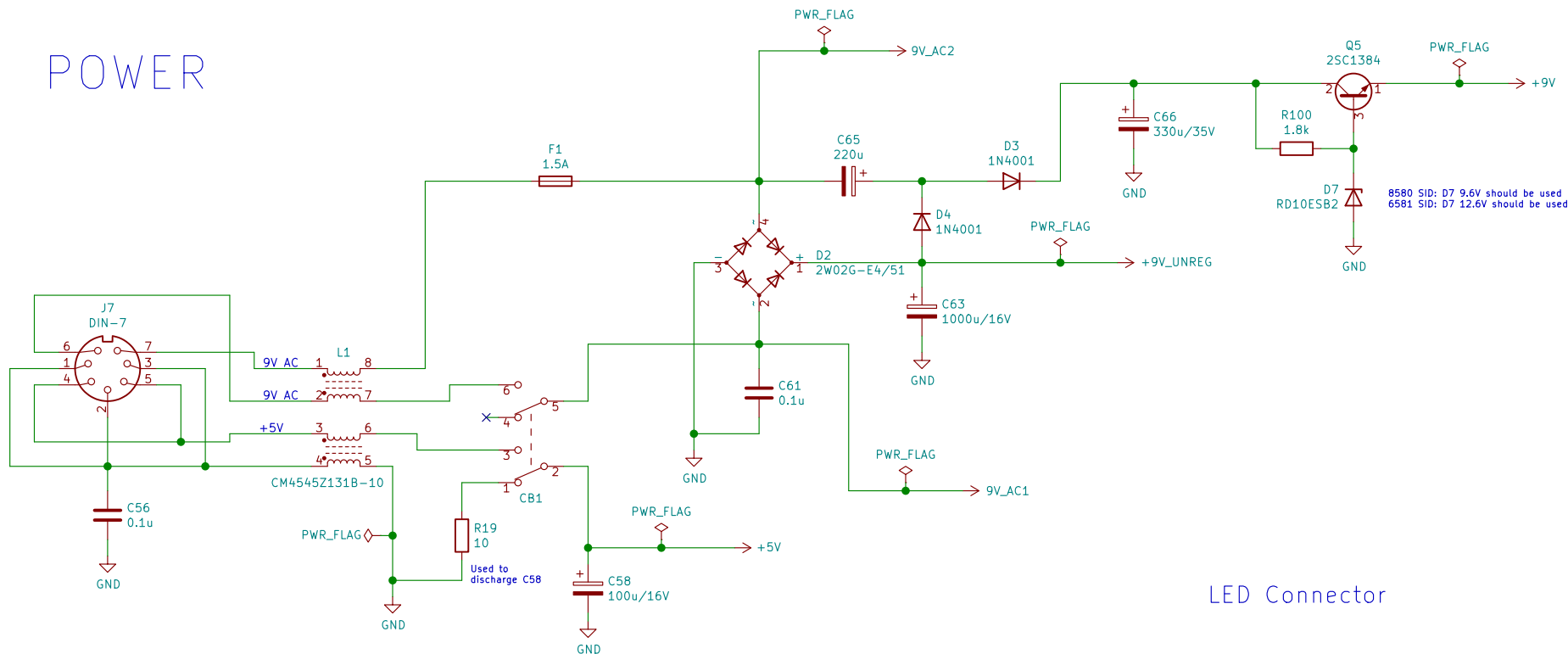
**Title: Commodore C64C - Assy 250469-01 Rev. A**

Size: A4  
Date: 2020-04-15  
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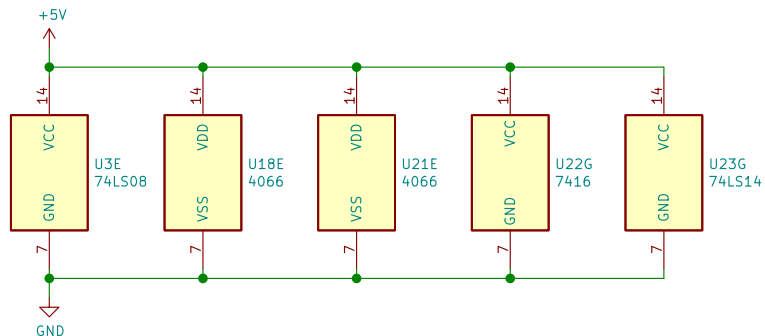
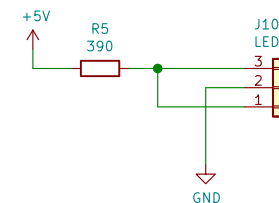
Rev: 1  
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# POWER



## LED Connector



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Sheet: /Power/  
 File: power.sch

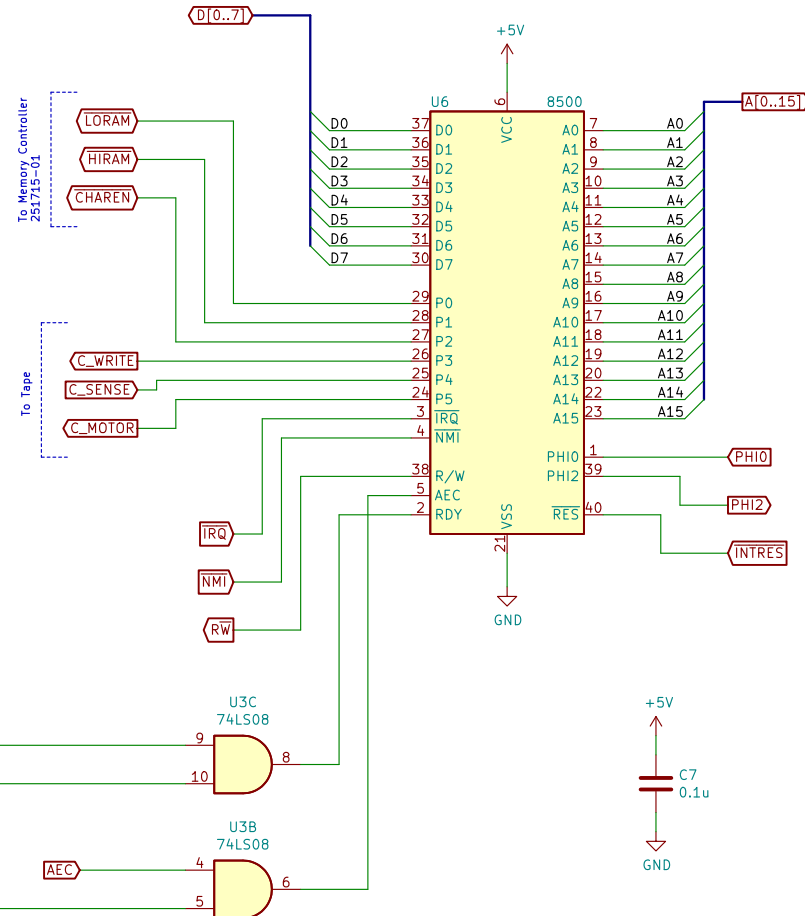
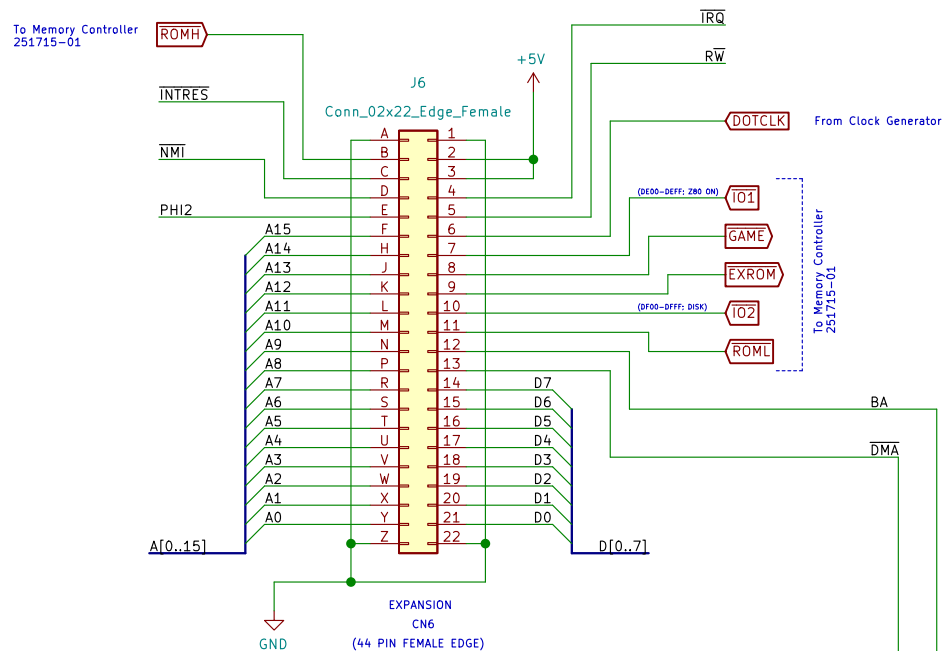
**Title: Commodore C64C – Assy 250469-01 Rev. A**

Size: A4 Date: 2020-04-15  
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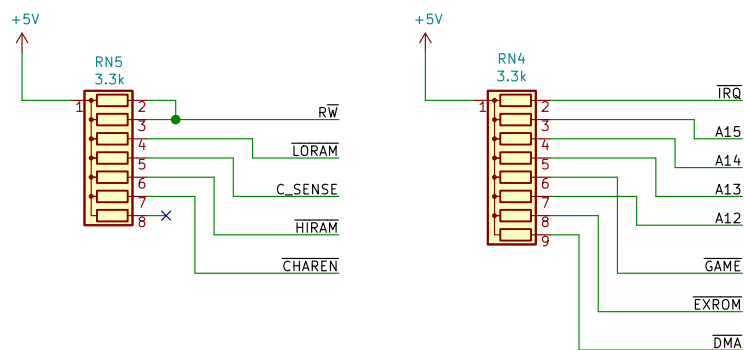
Rev: 1  
 Id: 5/11

# EXPANSION PORT

# CPU



## Pull-up resistors



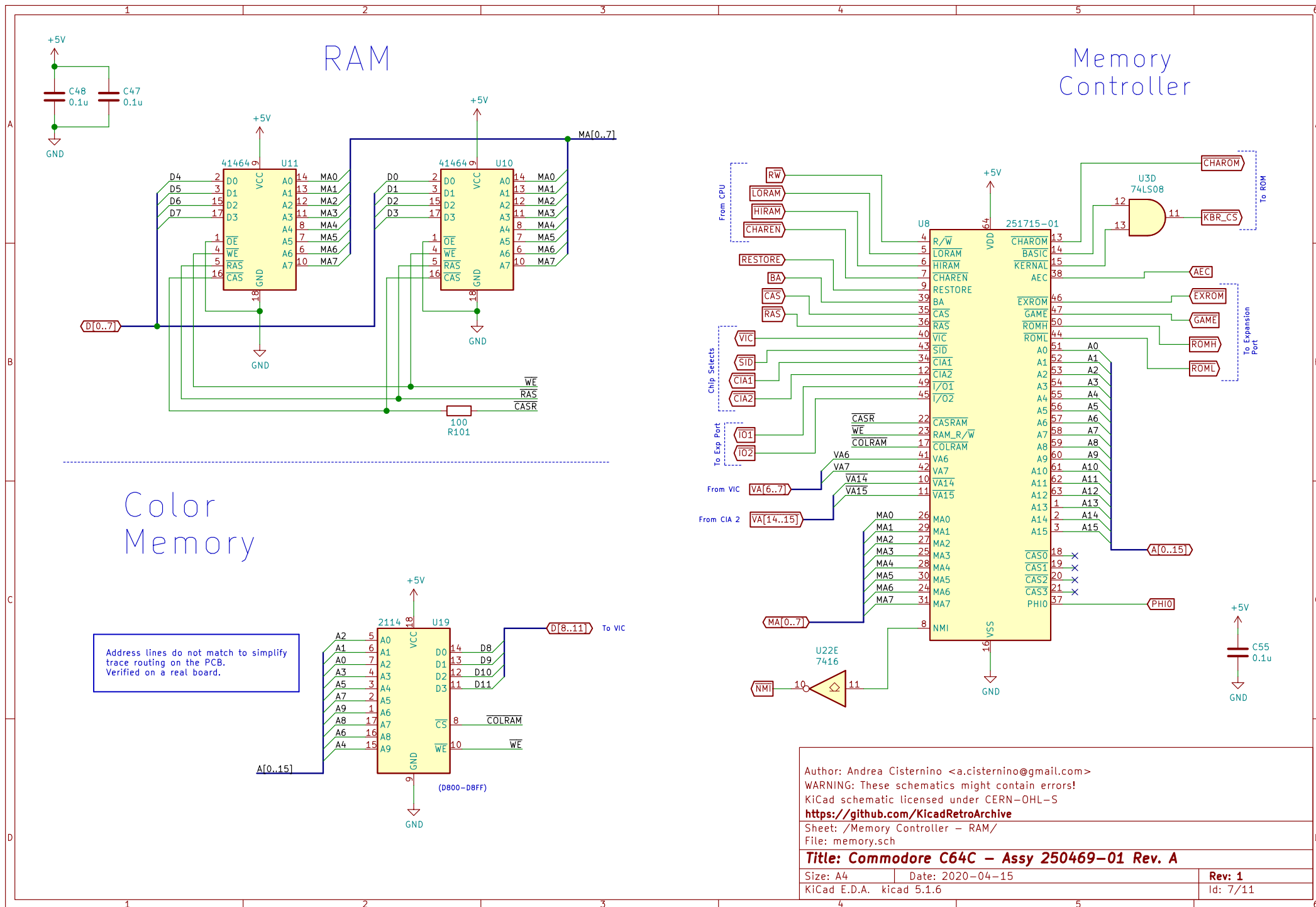
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Sheet: /CPU - Expansion Port/  
 File: cpu.sch

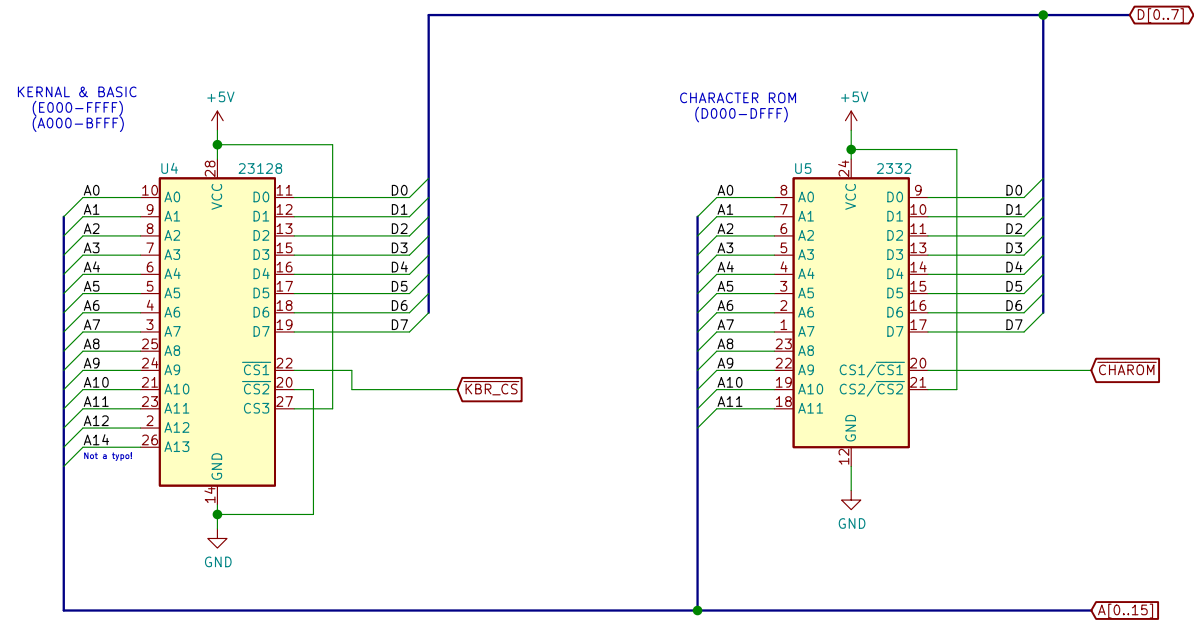
**Title: Commodore C64C - Assy 250469-01 Rev. A**

Size: A4 Date: 2020-04-15  
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Rev: 1  
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# ROM



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Sheet: /ROM/

File: rom.sch

**Title: Commodore C64C – Assy 250469–01 Rev. A**

Size: A4 Date: 2020-04-15

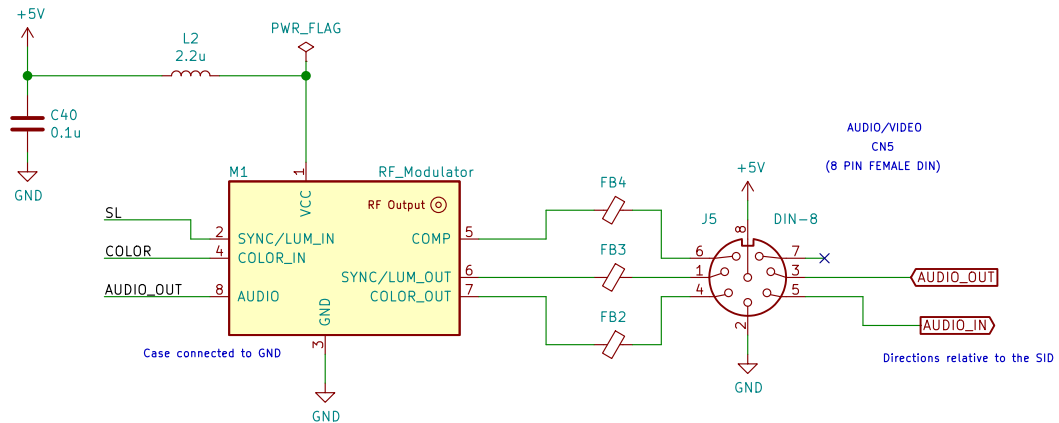
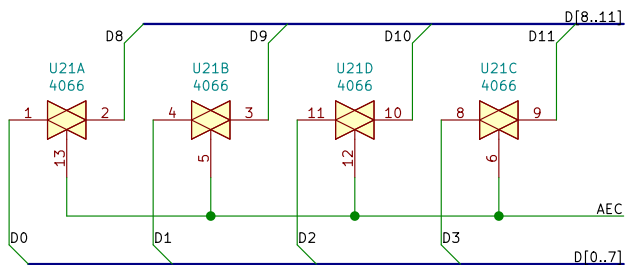
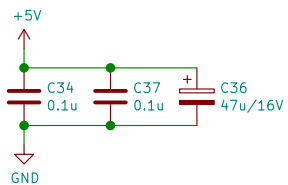
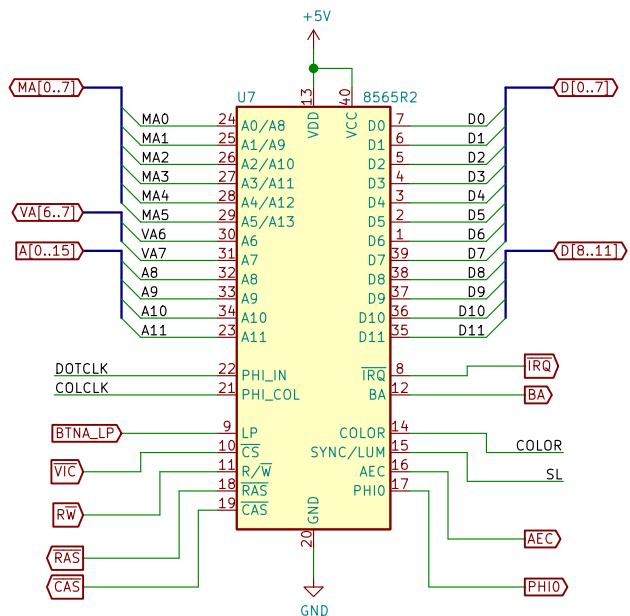
KiCad E.D.A. kicad 5.1.6

Rev: 1

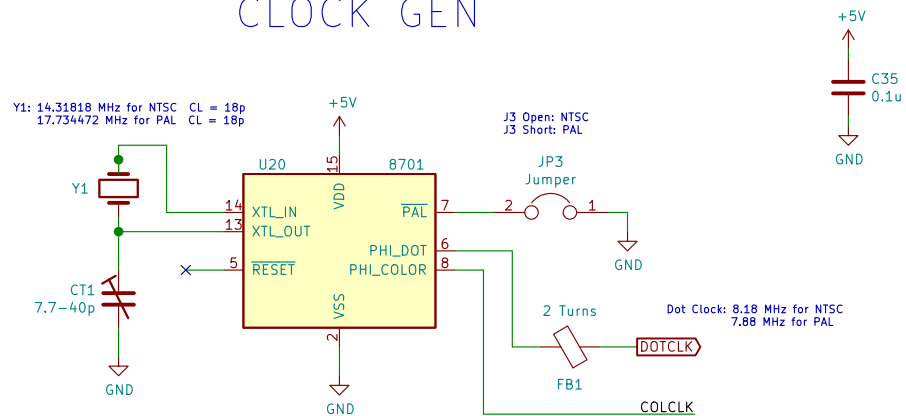
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## VIC 2



## CLOCK GEN



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Sheet: /Video - ClockGen/  
File: video.sch

**Title: Commodore C64C – Assy 250469-01 Rev. A**

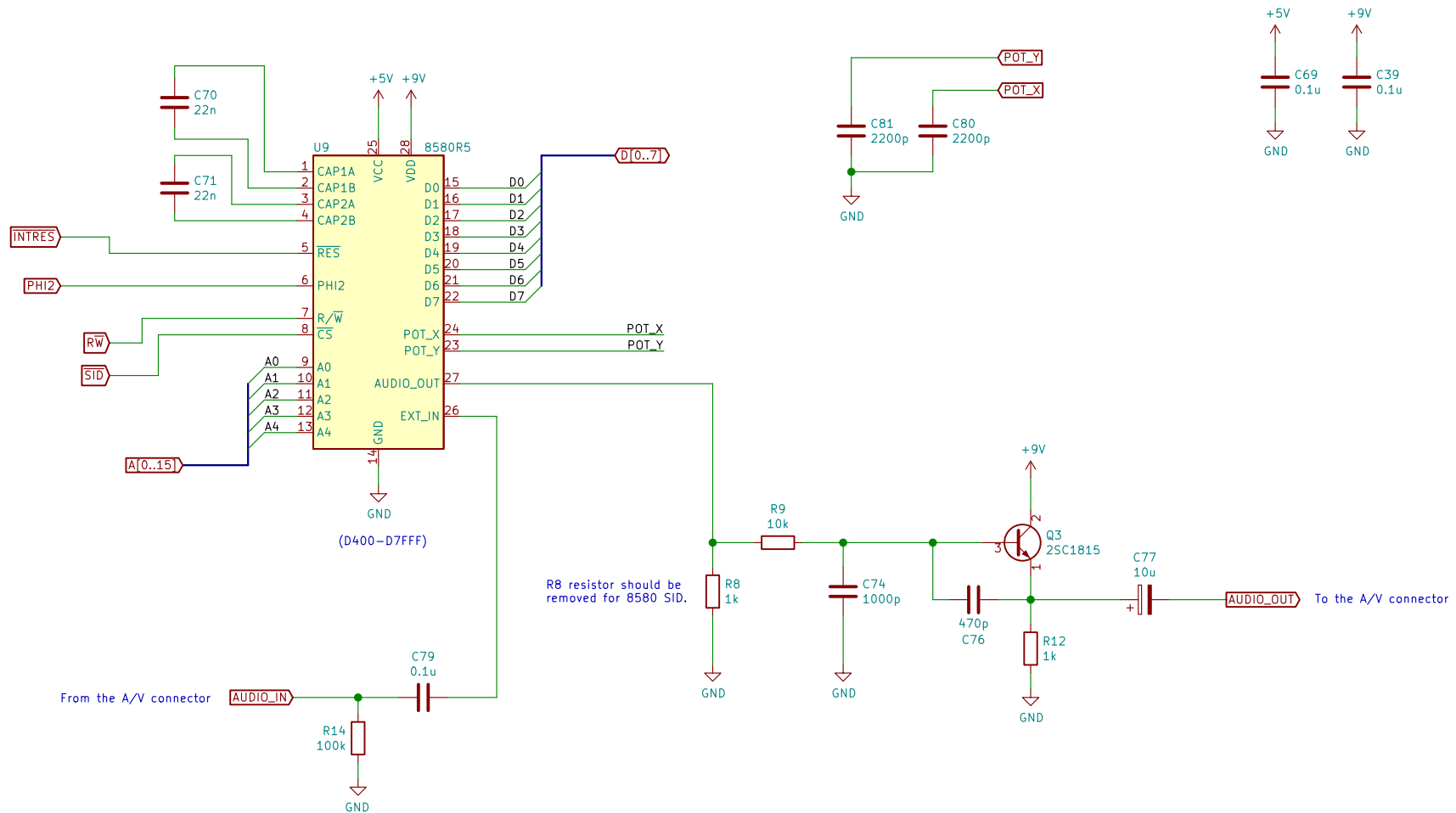
Size: A4	Date: 2020-04-15
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Rev: 1

Id: 9/11

# SID



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Sheet: /Audio/  
 File: audio.sch

**Title: Commodore 64C – Assy 250469-01 Rev. A**

Size: A4 Date: 2020-04-15

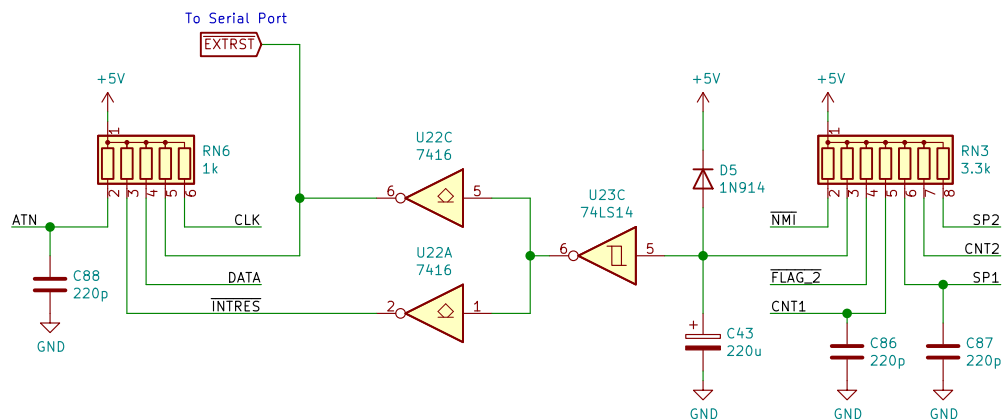
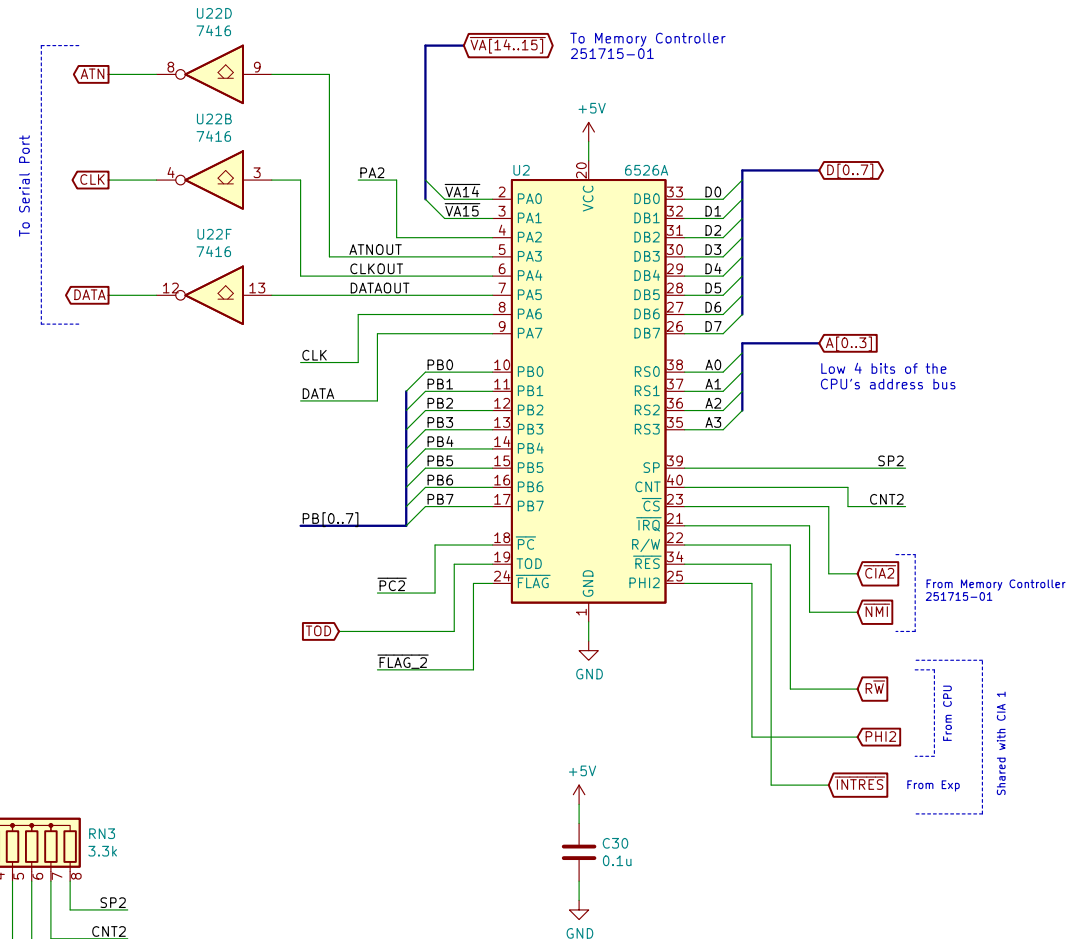
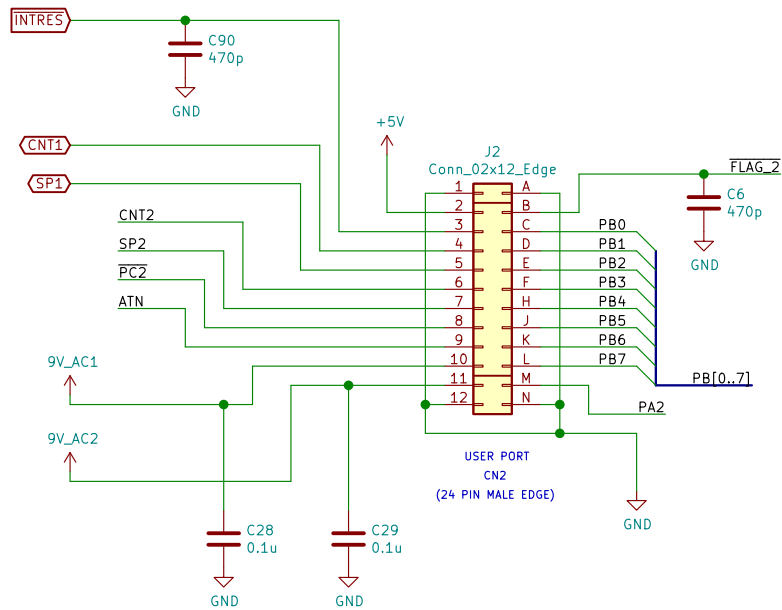
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Rev: 1

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# USER PORT

# CIA 2 (DD00-DDFF)



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Sheet: /User Port - CIA 2/  
 File: user\_port.sch

**Title: Commodore C64C - Assy 250469-01 Rev. A**

Size: A4 Date: 2020-04-15  
 KiCad E.D.A. kicad 5.1.6

Rev: 1  
 Id: 11/11