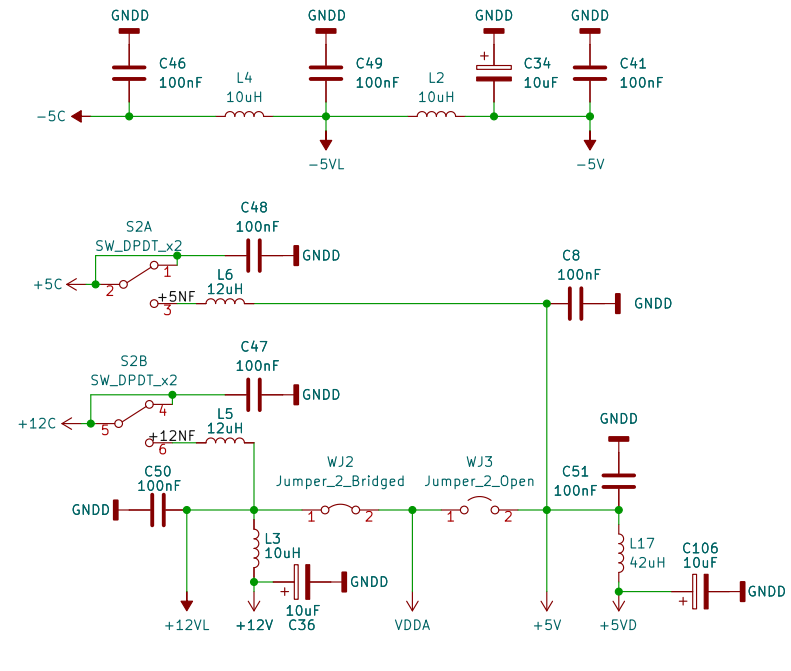
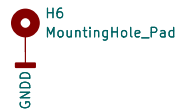




Connector Color Code:  
 GND = Black/Blue  
 -5V = Blue/Yellow  
 12V = Red  
 5V = White

ext\_psu

File: ext\_psu.kicad\_sch



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 Jay Convertino  
 sparkleton  
 Sheet: /psu/  
 File: psu.kicad\_sch

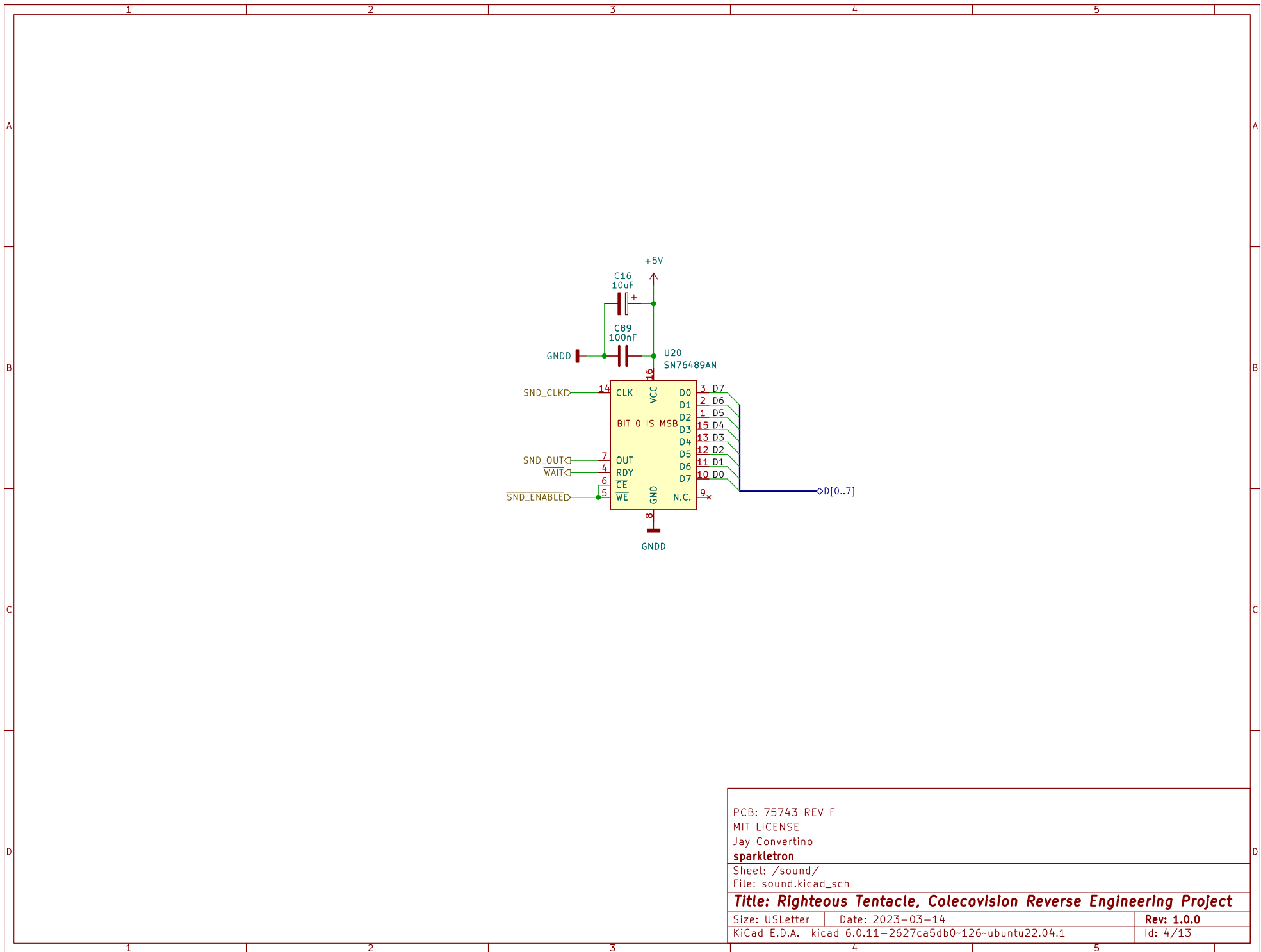
**Title: Righteous Tentacle, Colecovision Reverse Engineering Project**

Size: USLetter Date: 2023-03-14

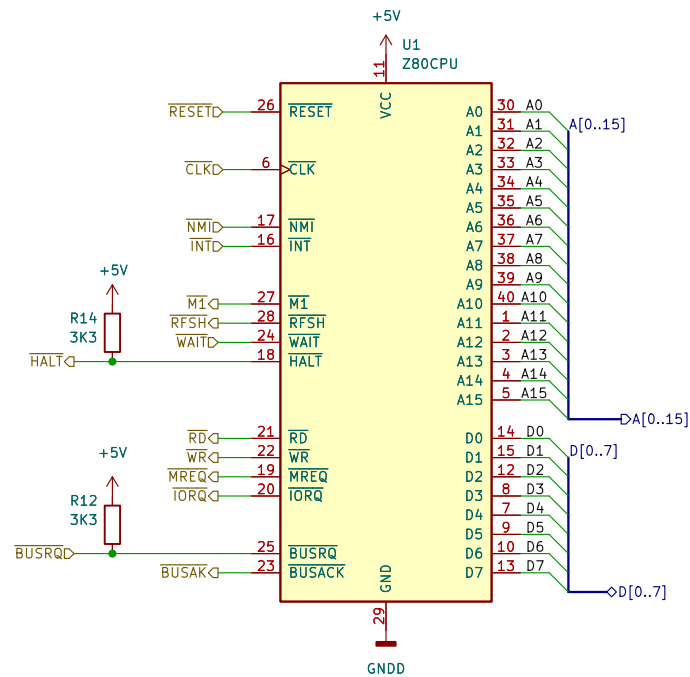
KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu22.04.1

Rev: 1.0.0

Id: 2/13



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Sheet: /sound/		
File: sound.kicad_sch		
Title: Righteous Tentacle, Colecovision Reverse Engineering Project		
Size: USLetter	Date: 2023-03-14	Rev: 1.0.0
KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu22.04.1	Id: 4/13	



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Sheet: /cpu/

File: cpu.kicad\_sch

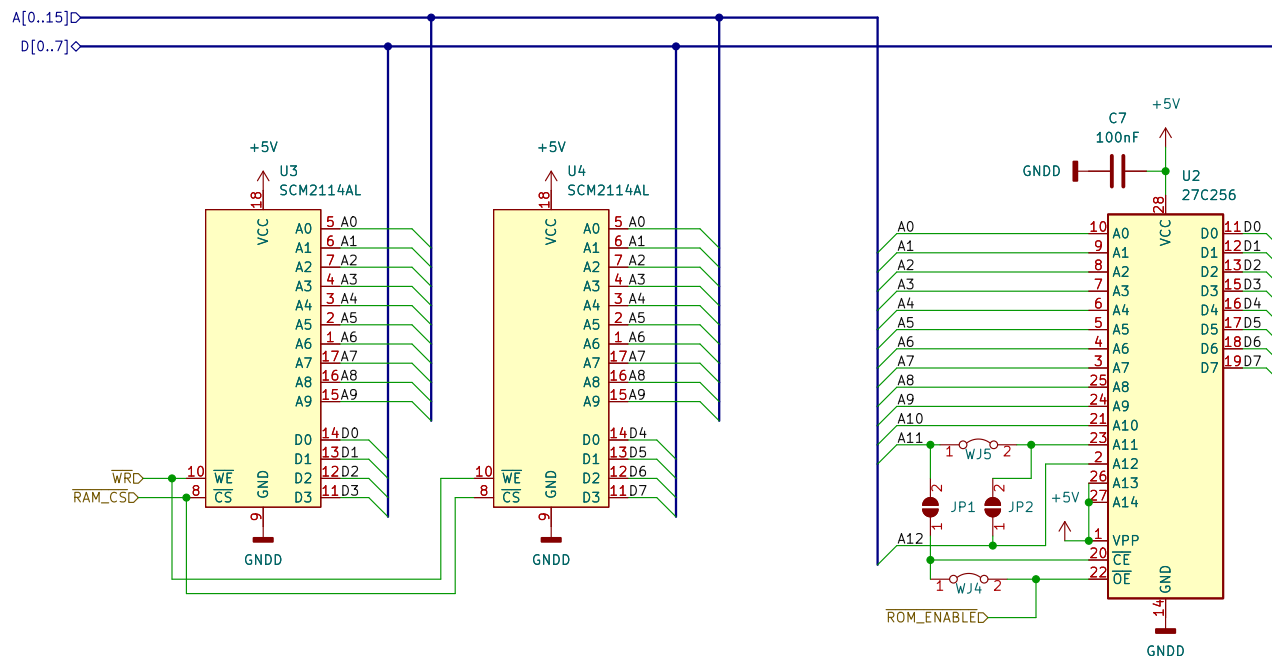
**Title: Righteous Tentacle, Coleovision Reverse Engineering Project**

Size: USLetter Date: 2023-03-14

Rev: 1.0.0

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Id: 5/13



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Sheet: /storage/

File: storage.kicad\_sch

**Title: Righteous Tentacle, Colecovision Reverse Engineering Project**

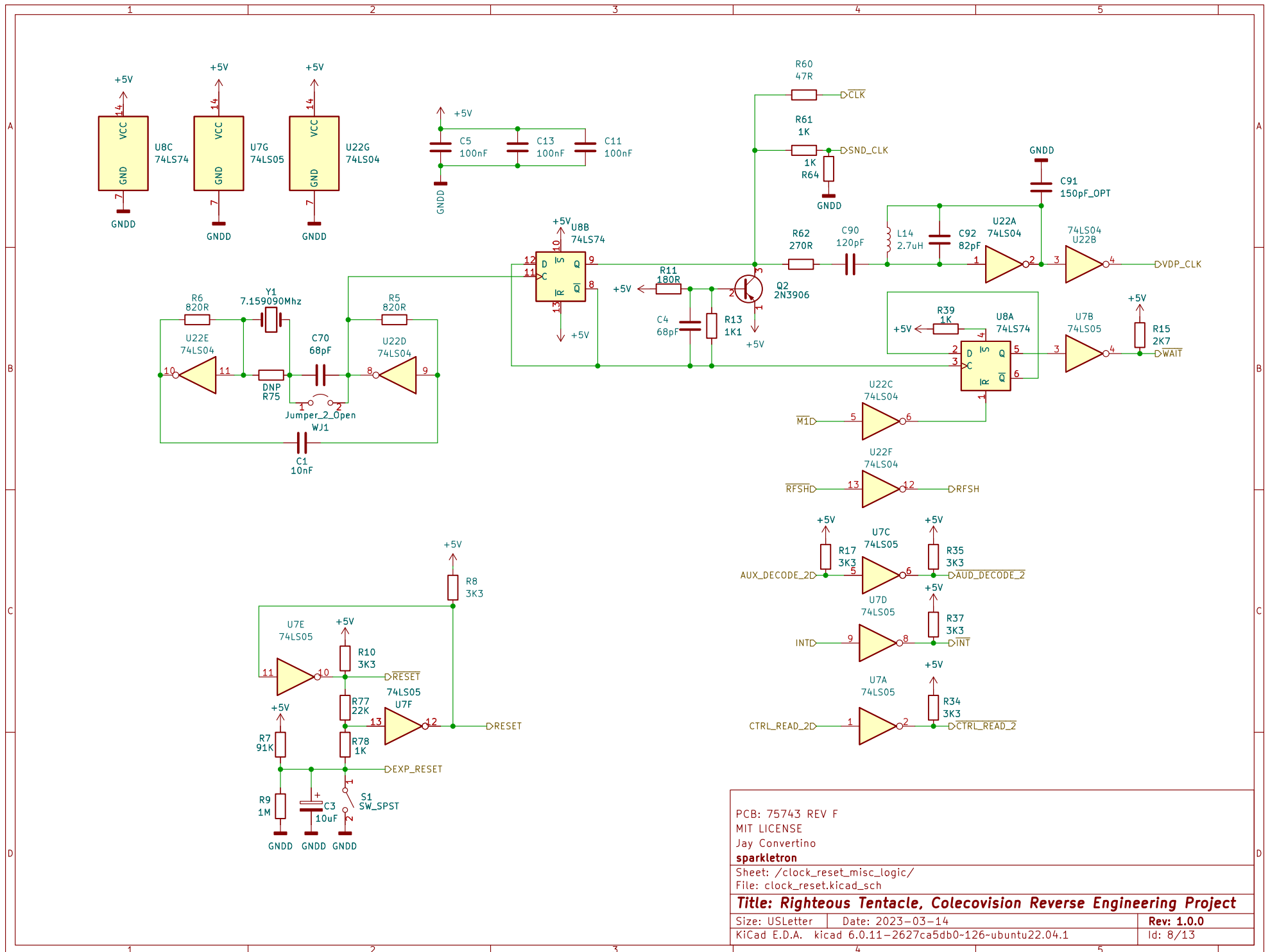
Size: USLetter Date: 2023-03-14

Rev: 1.0.0

KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu22.04.1

Id: 6/13





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Sheet: /clock\_reset\_misc\_logic/

File: clock\_reset.kicad\_sch

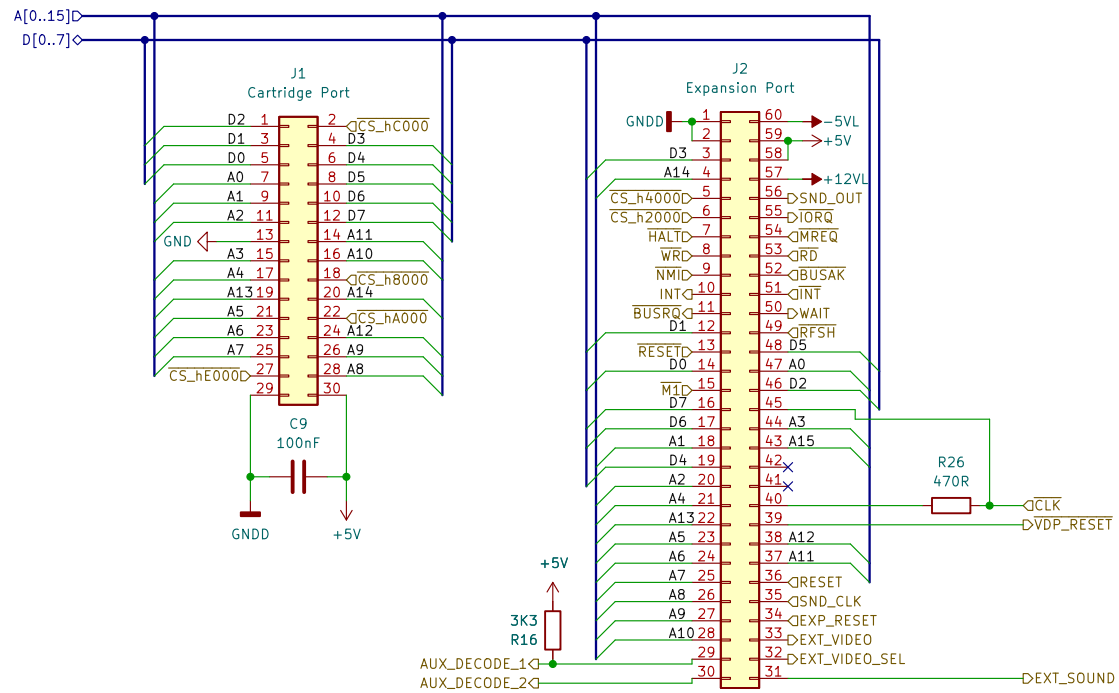
**Title: Righteous Tentacle, Colecovision Reverse Engineering Project**

Size: USLetter Date: 2023-03-14

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Rev: 1.0.0

Id: 8/13



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Sheet: /io\_ports/

File: io\_ports.kicad\_sch

**Title: Righteous Tentacle, Colecovision Reverse Engineering Project**

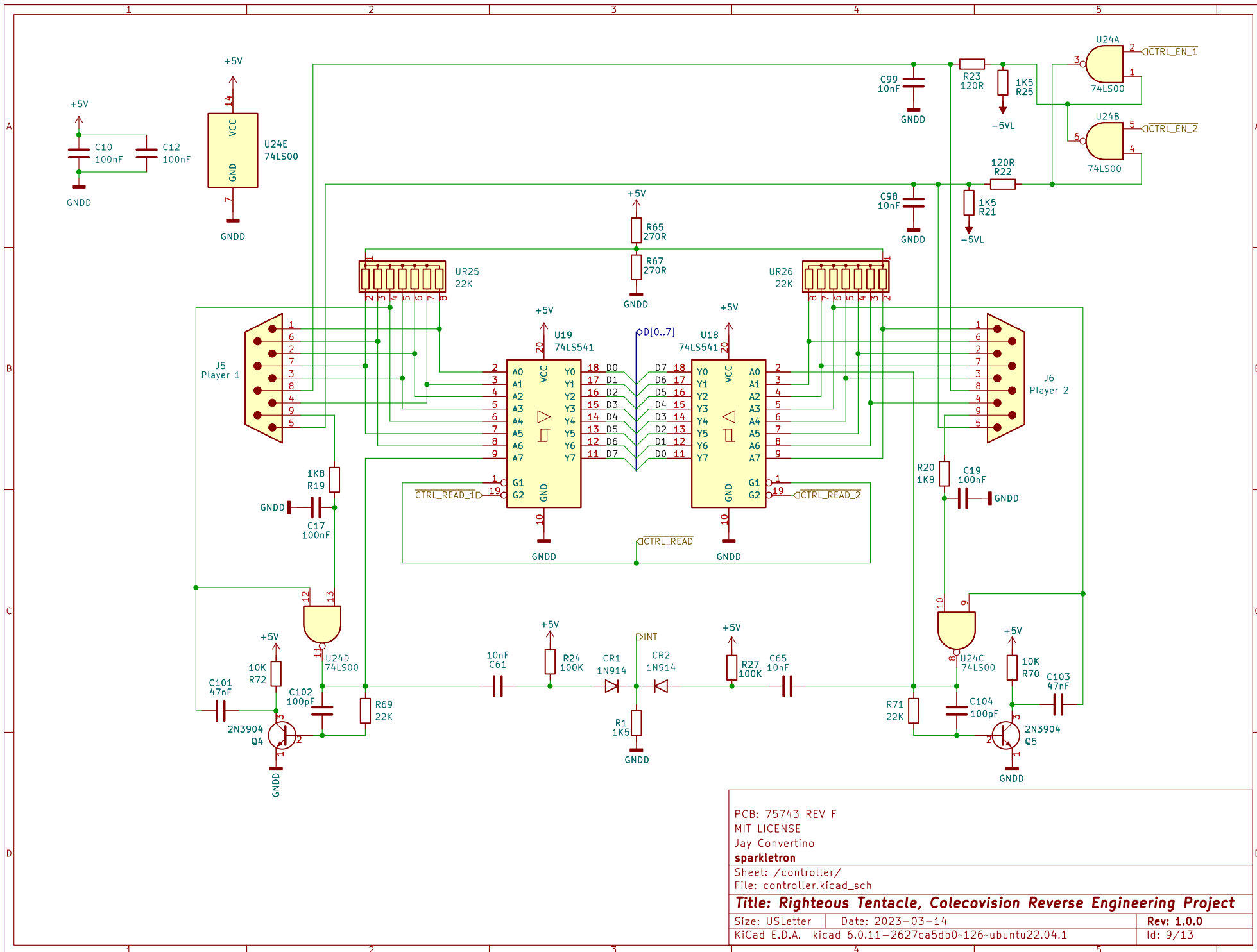
Size: USLetter Date: 2023-03-14

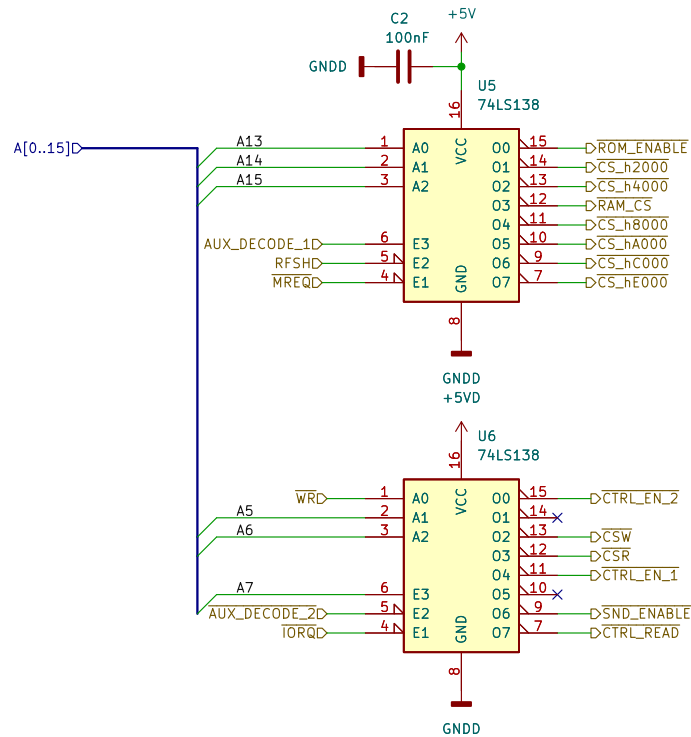
Rev: 1.0.0

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Id: 9/13







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Sheet: /decoder\_logic/

File: decoder\_logic.kicad\_sch

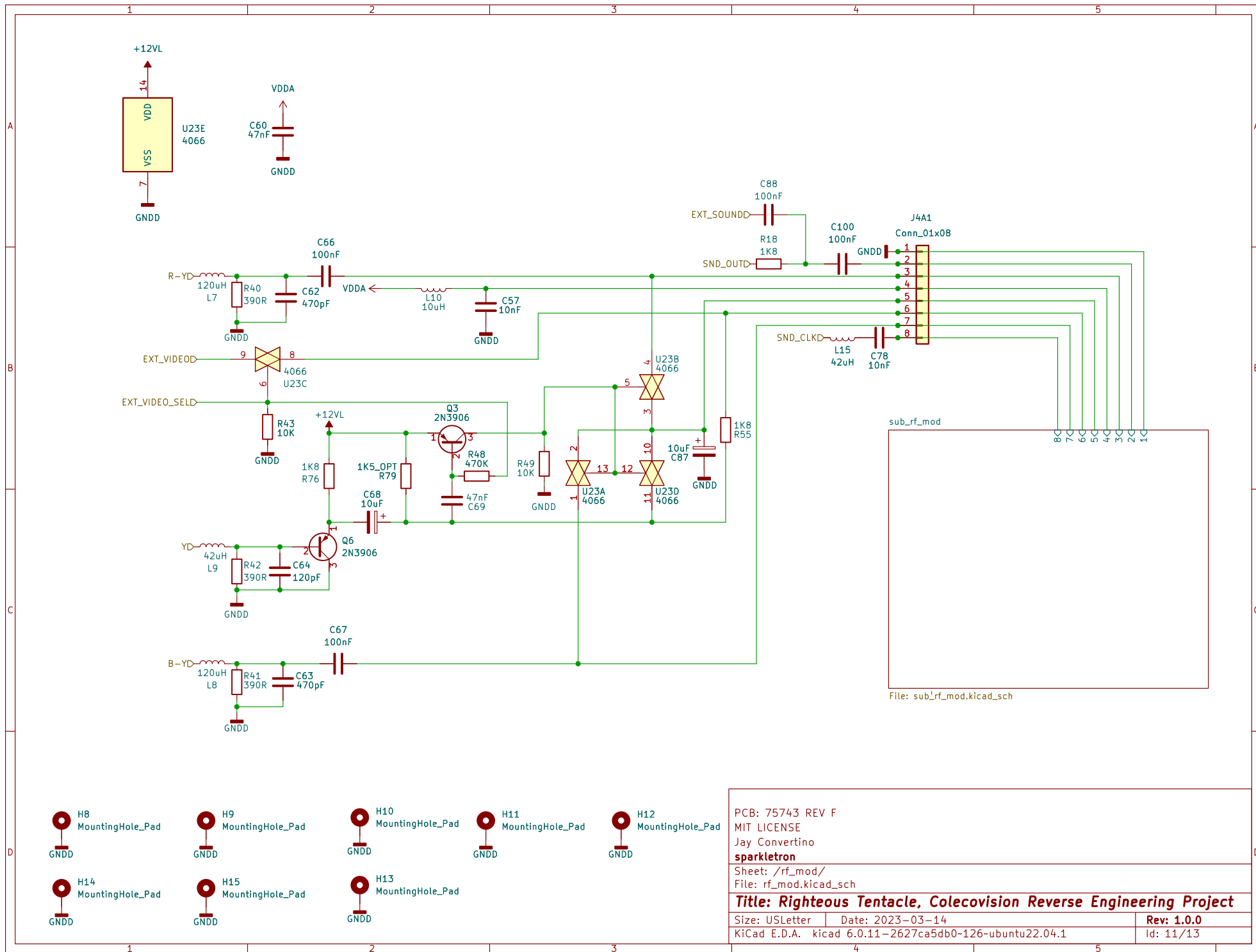
**Title: Righteous Tentacle, Colecovision Reverse Engineering Project**

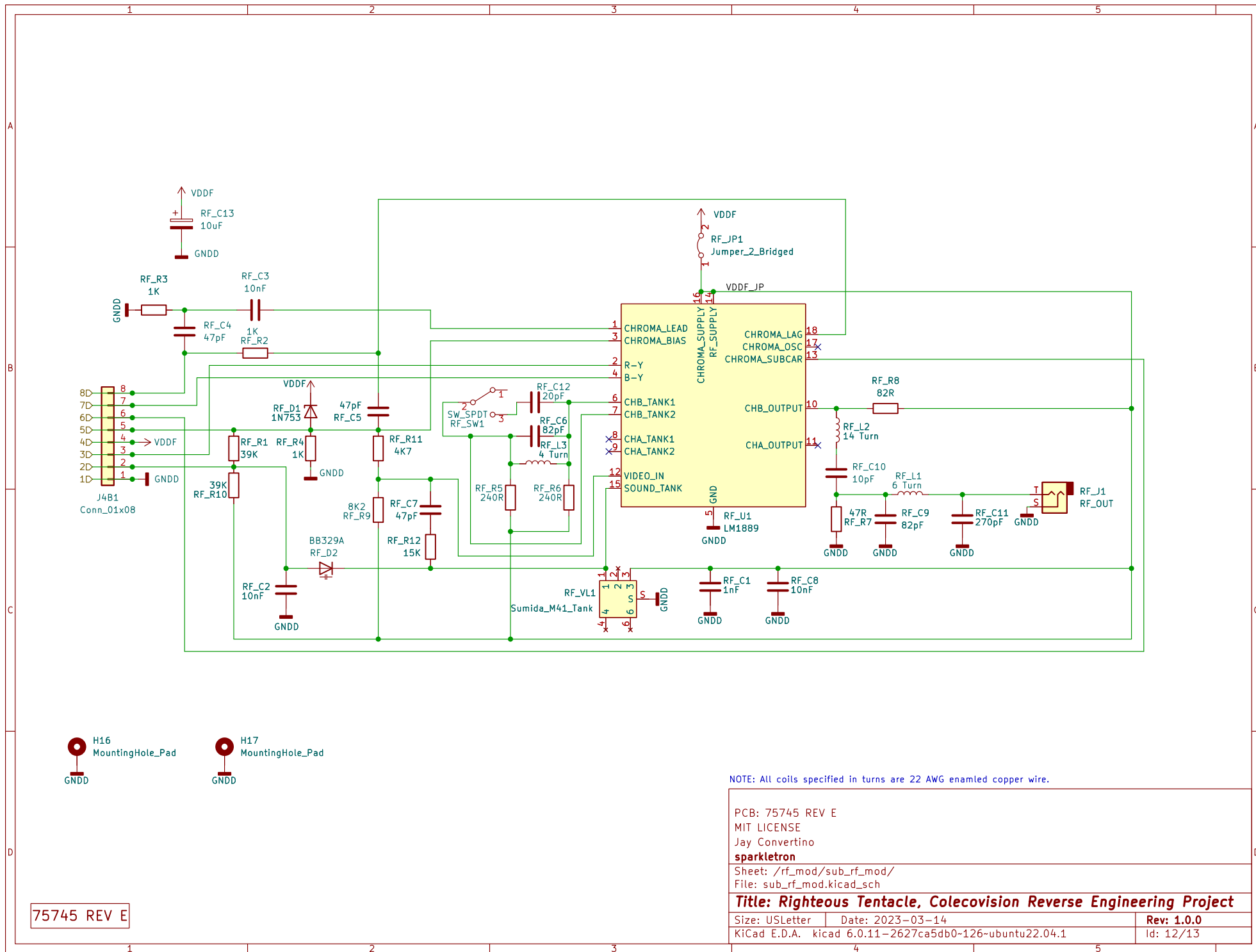
Size: USLetter Date: 2023-03-14

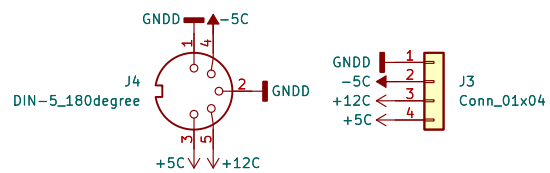
Rev: 1.0.0

KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu22.04.1

Id: 10/13







MEAN WELL 28.5 Watt PSU:

GP25A13A-R1B

GP25B13A-R1B

This page shows how to wire the internal power cable between the board header and the external PSU jack.

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File: ext\_psu.kicad\_sch

**Title: Righteous Tentacle, Colecovision Reverse Engineering Project**

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Date: 2023-03-14

Rev: 1.0.0

KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu22.04.1

Id: 13/13