

Based Robert Krenicki's design which  
was based on the HackMac KiCAD Design

CPU and Clock Generator

**Dan Werner** – [https://github.com/danwerner21/ti99\\_22](https://github.com/danwerner21/ti99_22)

Sheet: /CPU/

File: CPU.kicad\_sch

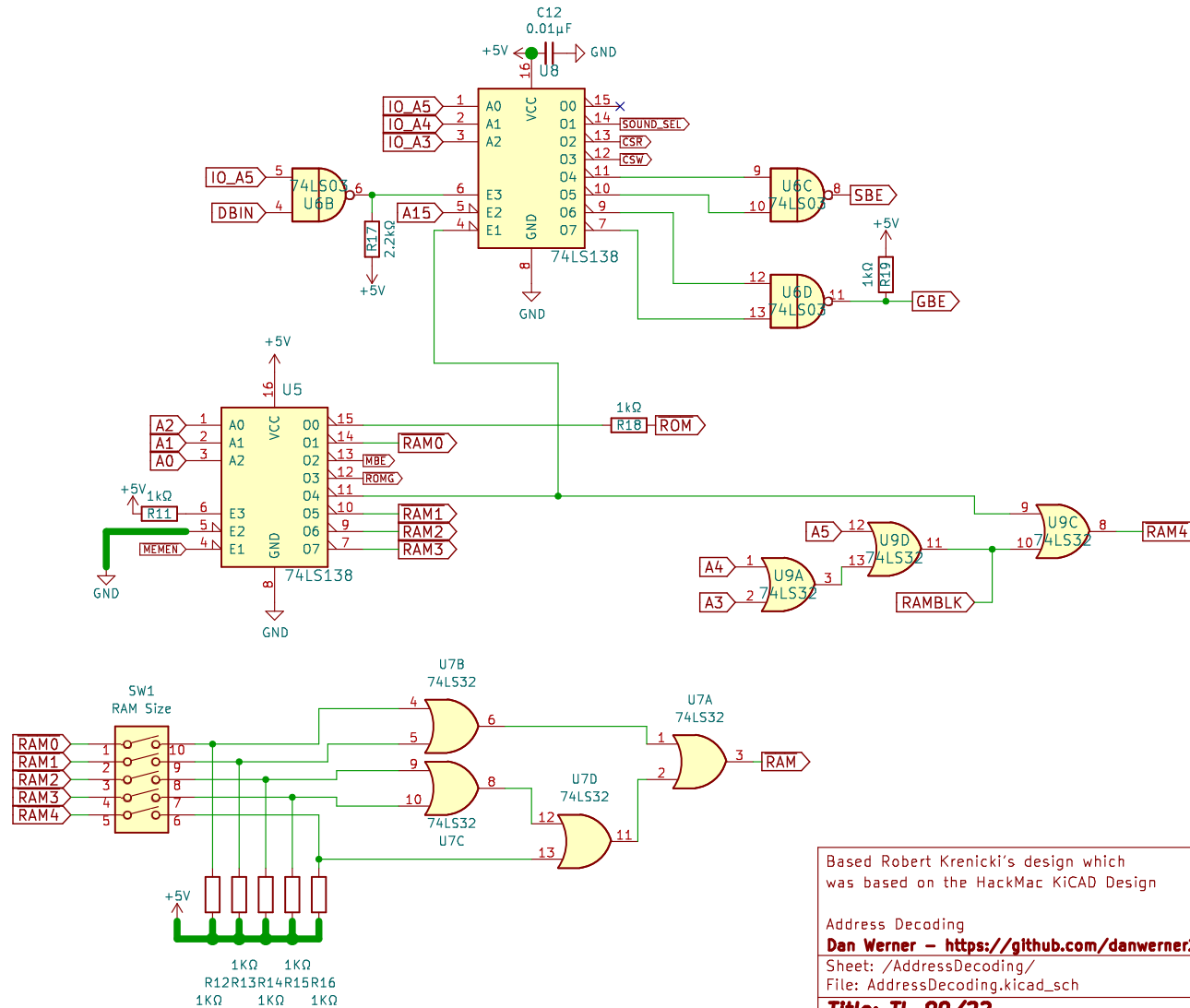
**Title: TI-99/22**

Size: A4 Date: 2022-06-23

KiCad E.D.A. kicad 6.0.1-79c1e3a40b-116-ubuntu21.04.1

**Rev: 0.75**

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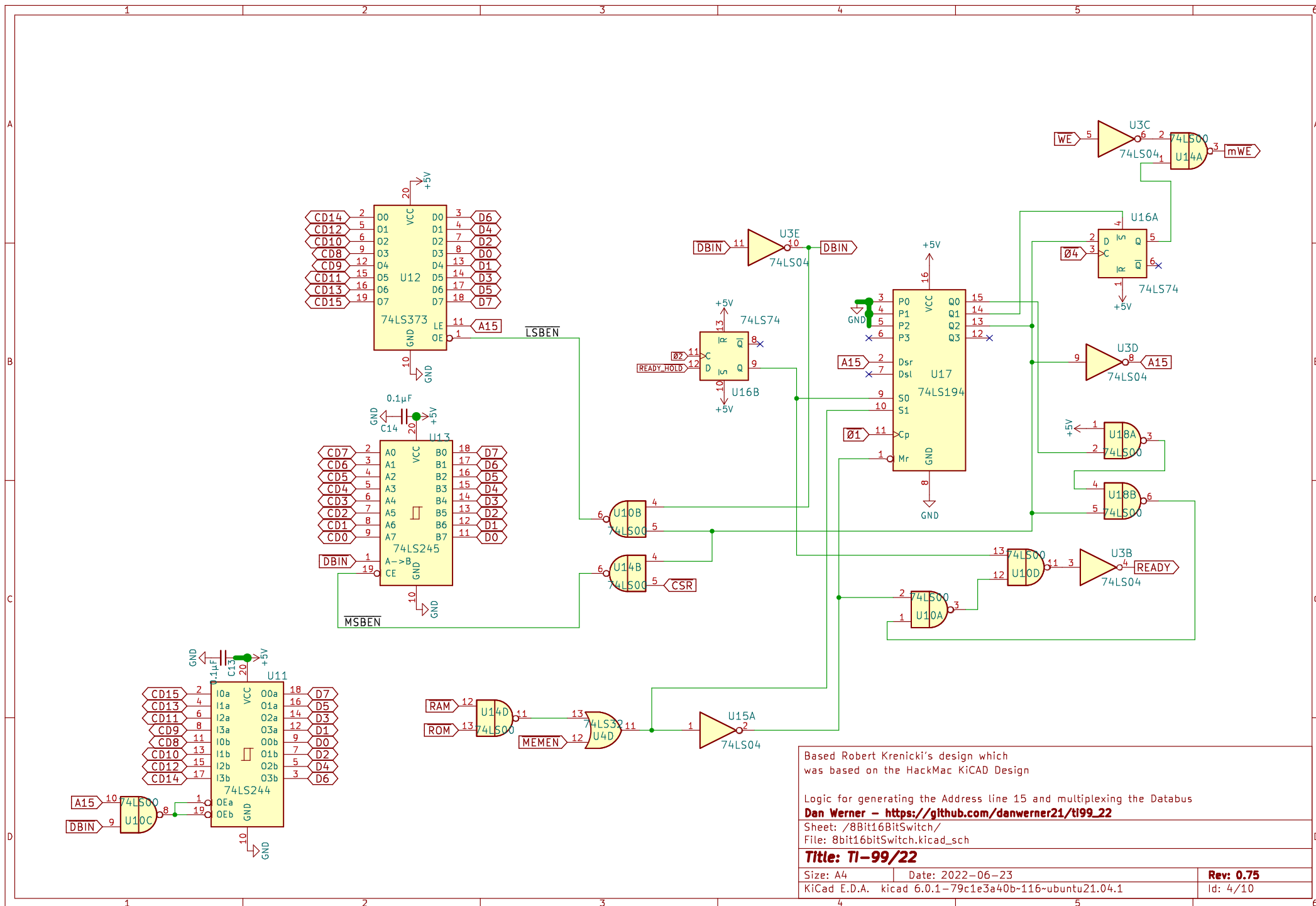


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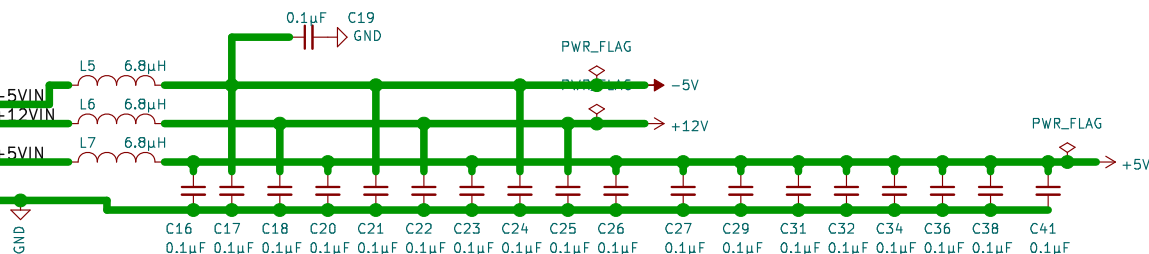
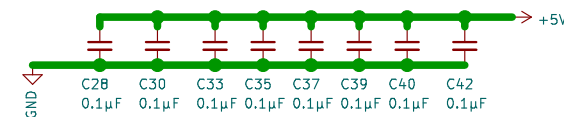
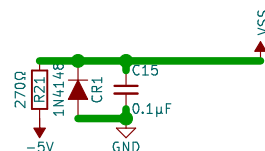
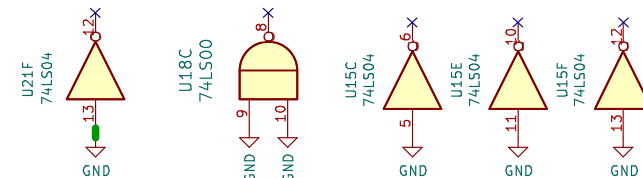
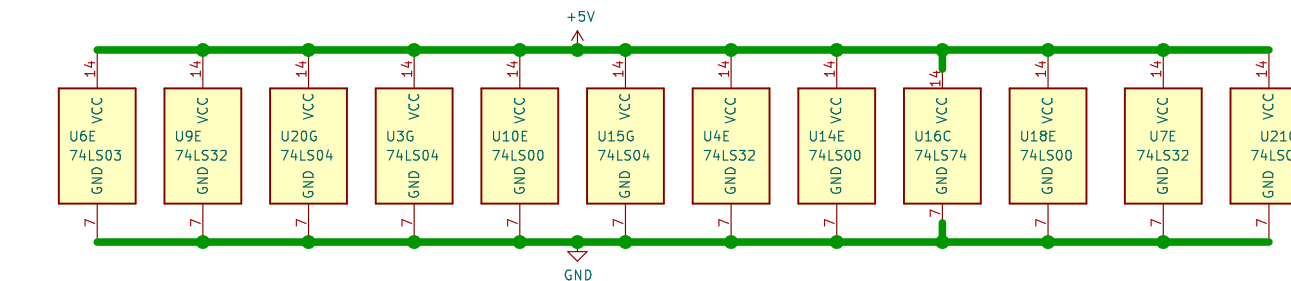
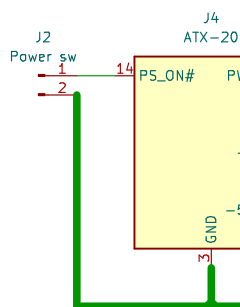
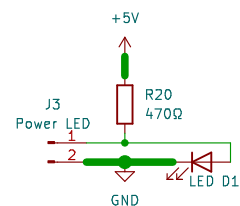
Address Decoding  
**Dan Werner** – [https://github.com/danwerner21/ti99\\_22](https://github.com/danwerner21/ti99_22)  
 Sheet: /AddressDecoding/  
 File: AddressDecoding.kicad\_sch

**Title: TI-99/22**

Size: A4	Date: 2022-06-23	<b>Rev: 0.75</b>
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- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole
- H5 MountingHole
- H6 MountingHole
- H7 MountingHole
- H8 MountingHole
- H9 MountingHole
- H10 MountingHole



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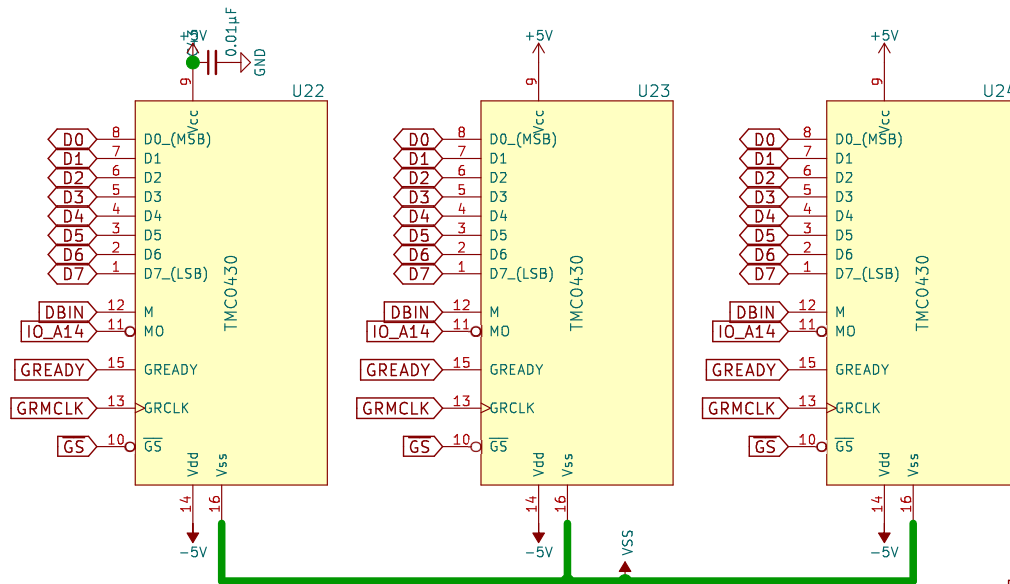
Schematic for sound device  
**Dan Werner** – [https://github.com/danwerner21/ti99\\_22](https://github.com/danwerner21/ti99_22)

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

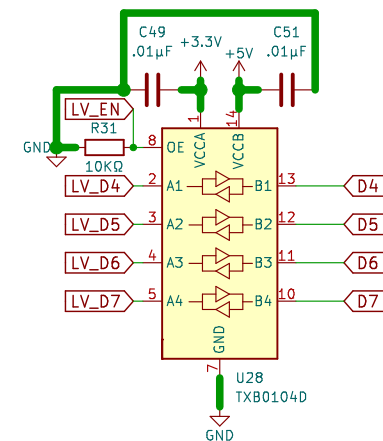
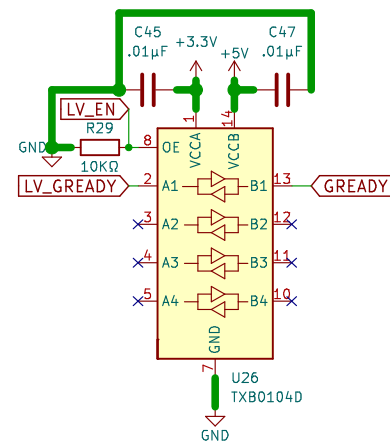
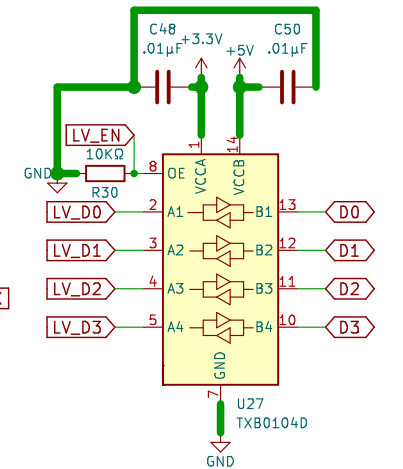
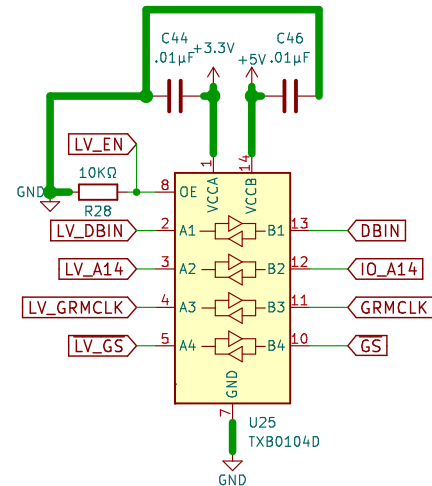
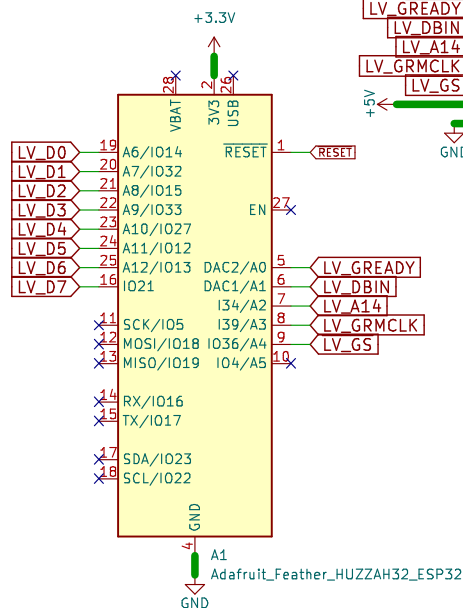
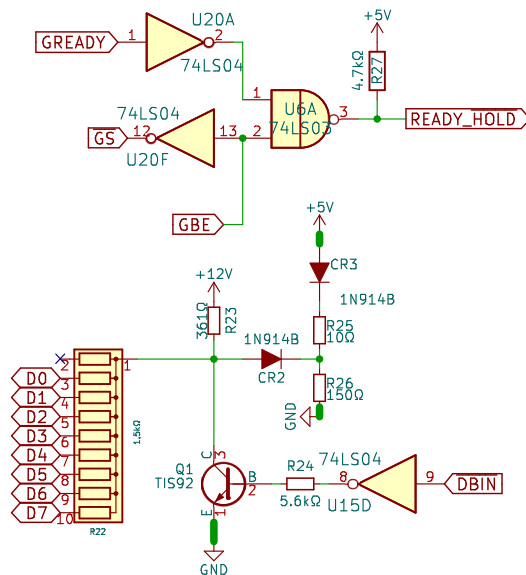
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GROMs are left in for compatibility, in case GROM chips are available for testing. The intention is to emulate the GROMS with an ESP32.



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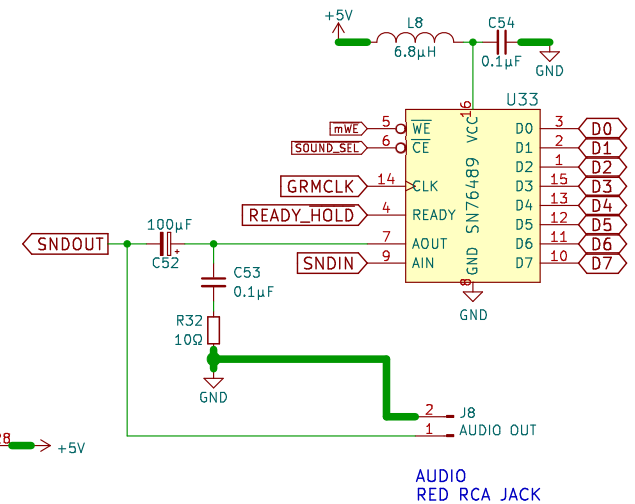
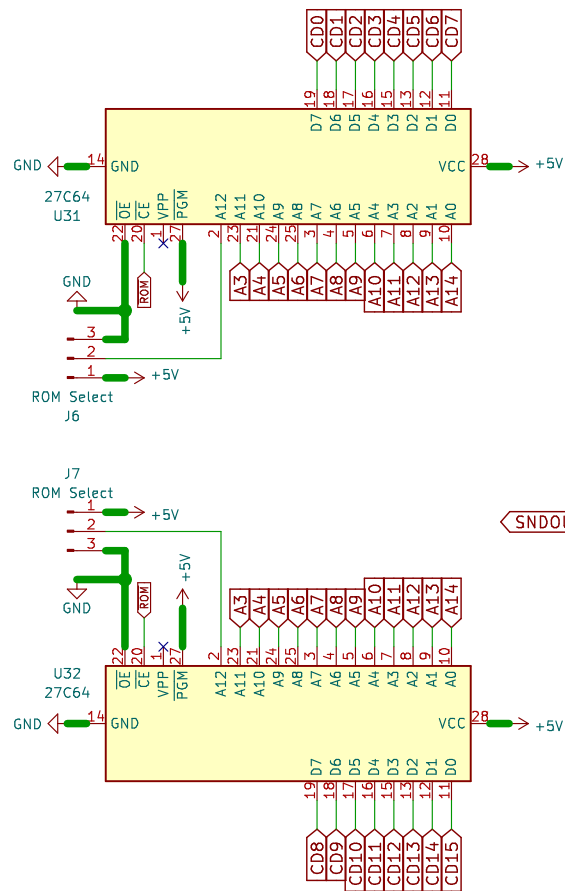
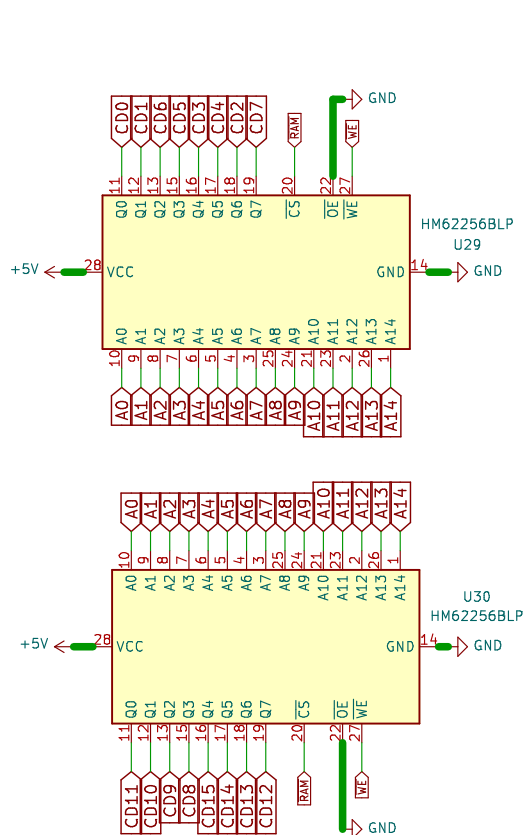
GROM with Logic  
**Dan Werner** – [https://github.com/danwerner21/ti99\\_22](https://github.com/danwerner21/ti99_22)

Sheet: /GROM-Logic/  
 File: GROM-Logic.kicad\_sch

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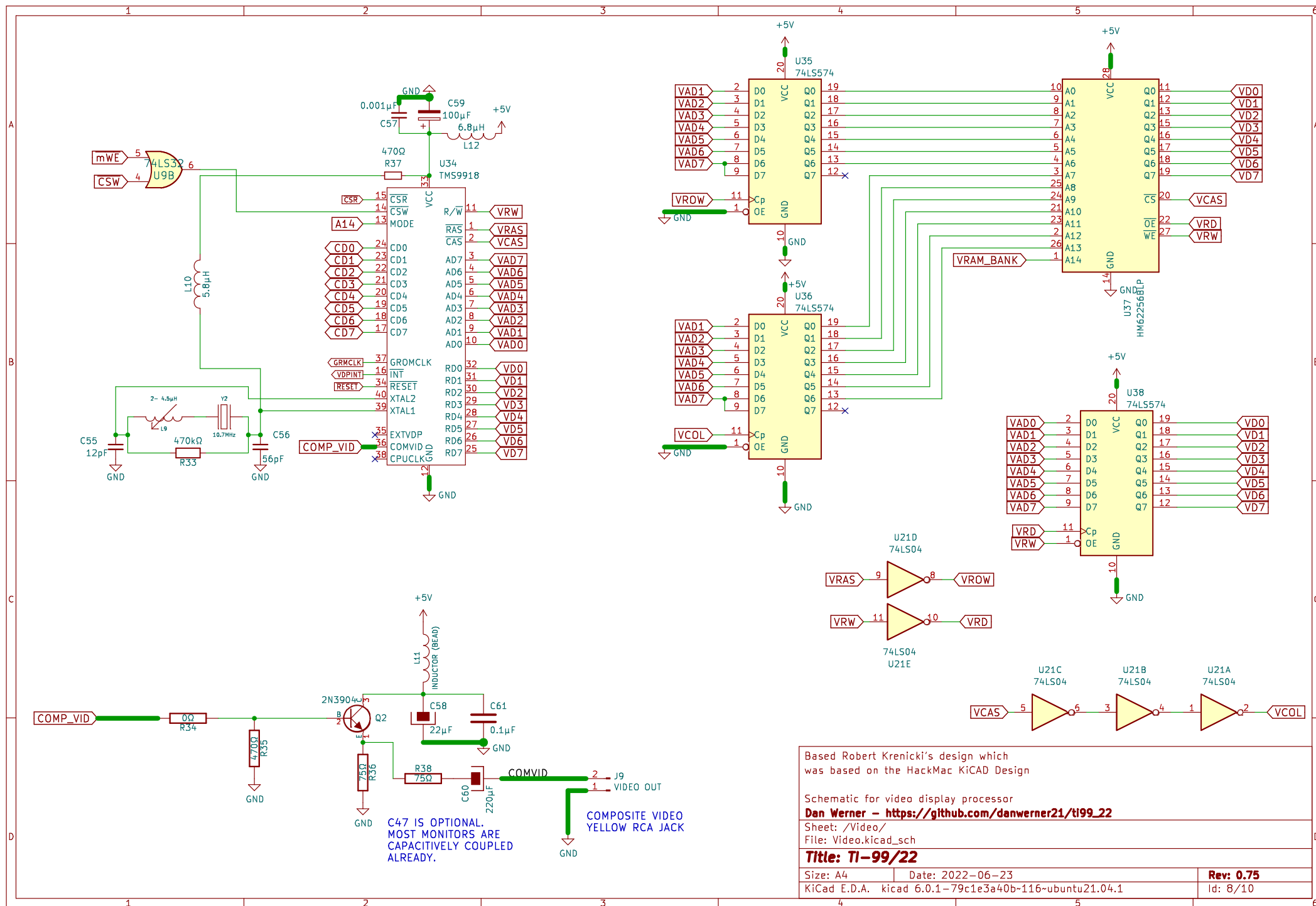
**Dan Werner** – [https://github.com/danwerner21/ti99\\_22](https://github.com/danwerner21/ti99_22)

Sheet: /ROM/RAM/Sound/  
File: ROM-RAM-Sound.kicad\_sch

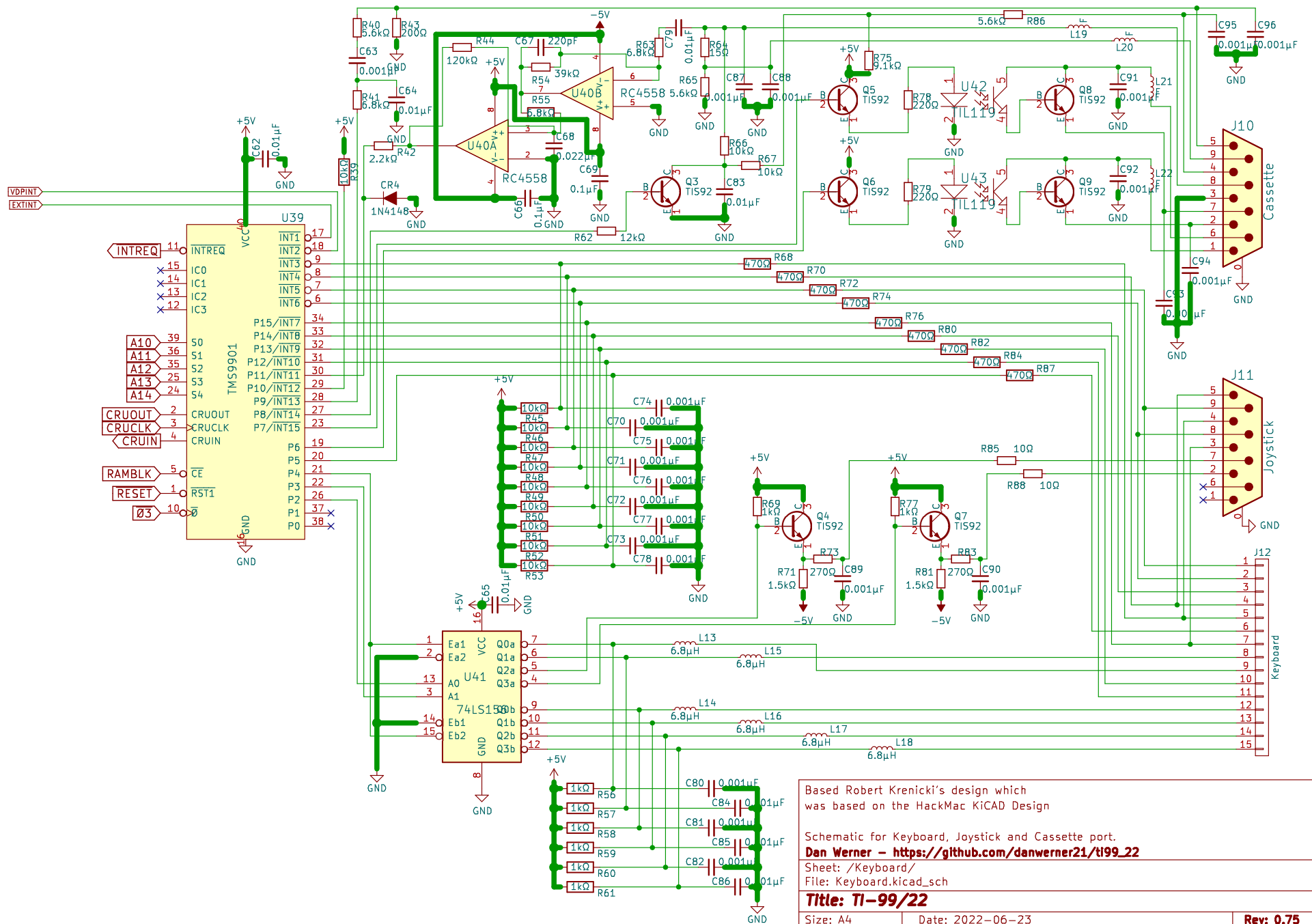
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Schematic for Keyboard, Joystick and Cassette port.  
**Dan Werner** – [https://github.com/danwerner21/ti99\\_22](https://github.com/danwerner21/ti99_22)

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

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