

<https://github.com/xtremespb/frank>

**Mikhail Matveev**

Sheet: /Power/

File: power.kicad\_sch

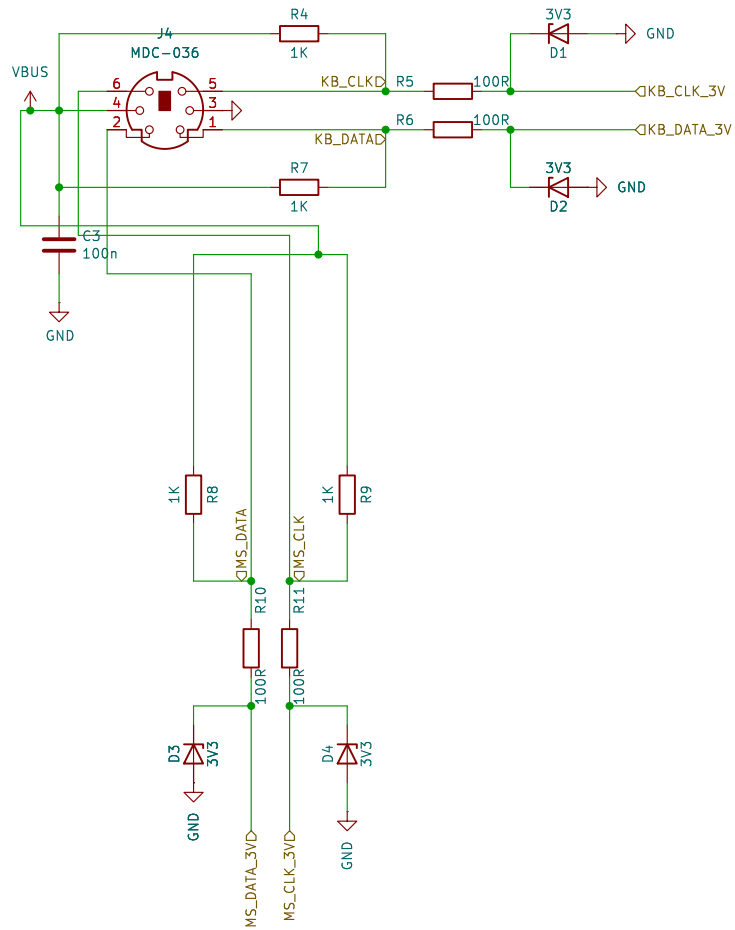
**Title: FRANK M1**

Size: A4 Date: 2025-04-09

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**Mikhail Matveev**

Sheet: /PS2/

File: ps2.kicad\_sch

**Title: FRANK M1**

Size: A4

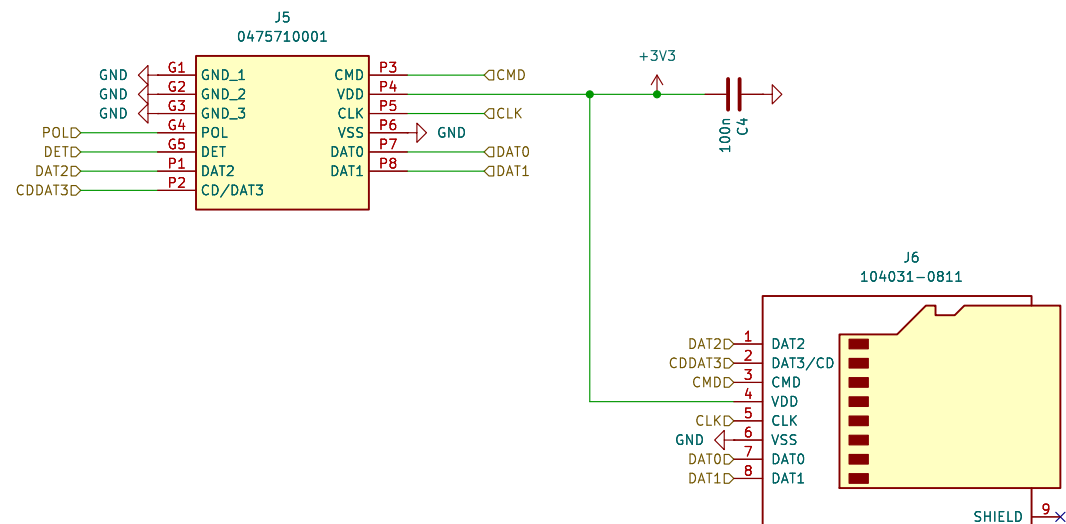
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Short TF Card slot is used to save some space on the PCB.



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**Mikhail Matveev**

Sheet: /Micro SD/

File: sd.kicad\_sch

**Title: FRANK M1**

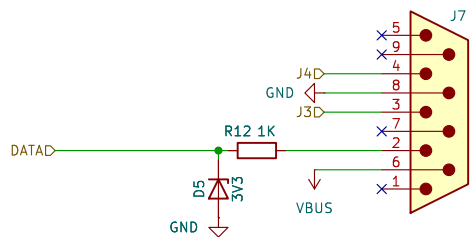
Size: A4

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**Mikhail Matveev**

Sheet: /Gamepad 1/

File: gamepad.kicad\_sch

**Title: FRANK M1**

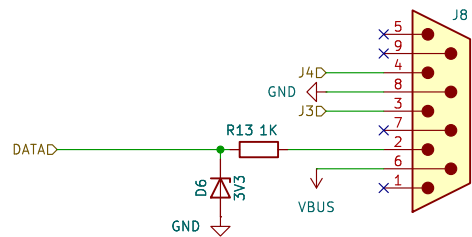
Size: A4

Date: 2025-04-09

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**Mikhail Matveev**

Sheet: /Gamepad 2/

File: gamepad.kicad\_sch

**Title: FRANK M1**

Size: A4

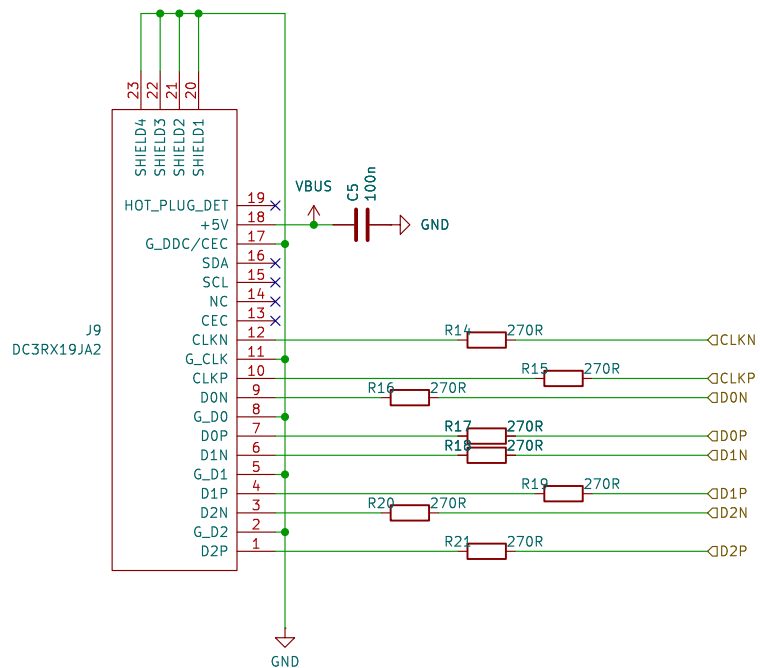
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HDMI video output requires the resistors to be close to the HDMI socket in order to work properly.



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**Mikhail Matveev**

Sheet: /HDMI/

File: hdmi.kicad\_sch

**Title: FRANK M1**

Size: A4

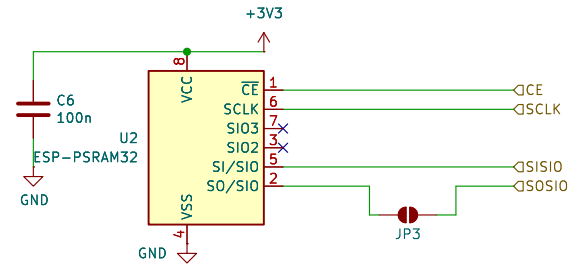
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As PSRAM is optional, you need to solder the jumper  
if you are going to use it.



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**Mikhail Matveev**

Sheet: /PSRAM/

File: psram.kicad\_sch

**Title: FRANK M1**

Size: A4

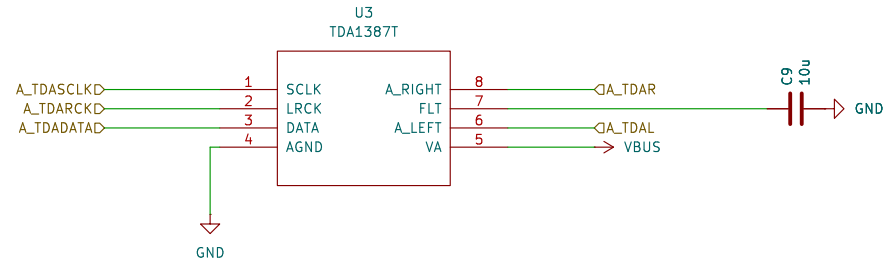
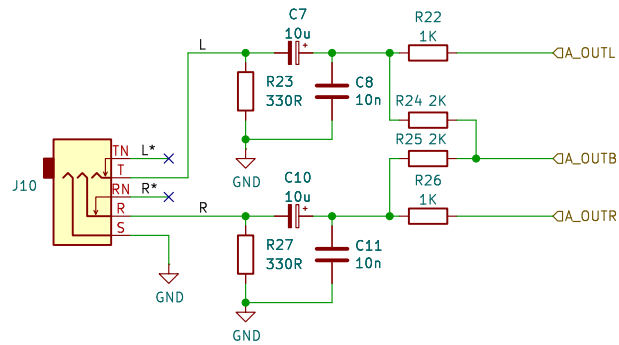
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**Mikhail Matveev**

Sheet: /Audio Out/

File: audio.kicad\_sch

**Title: FRANK M1**

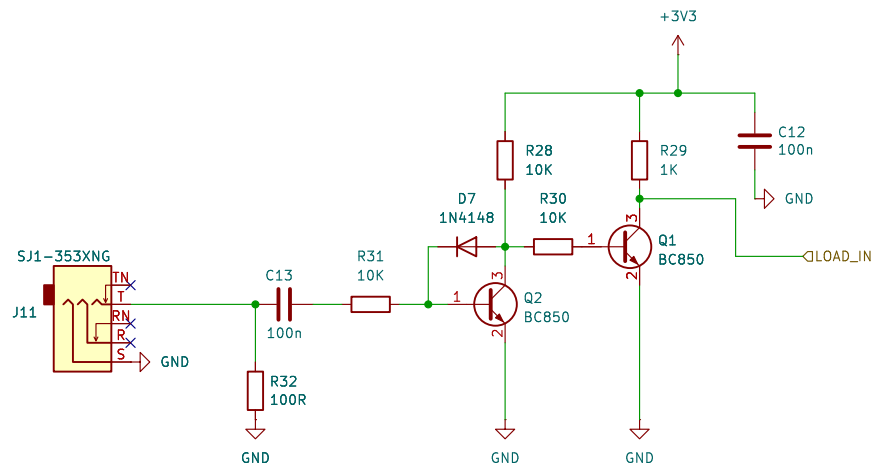
Size: A4

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**Mikhail Matveev**

Sheet: /Tape In/

File: tape.kicad\_sch

**Title: FRANK M1**

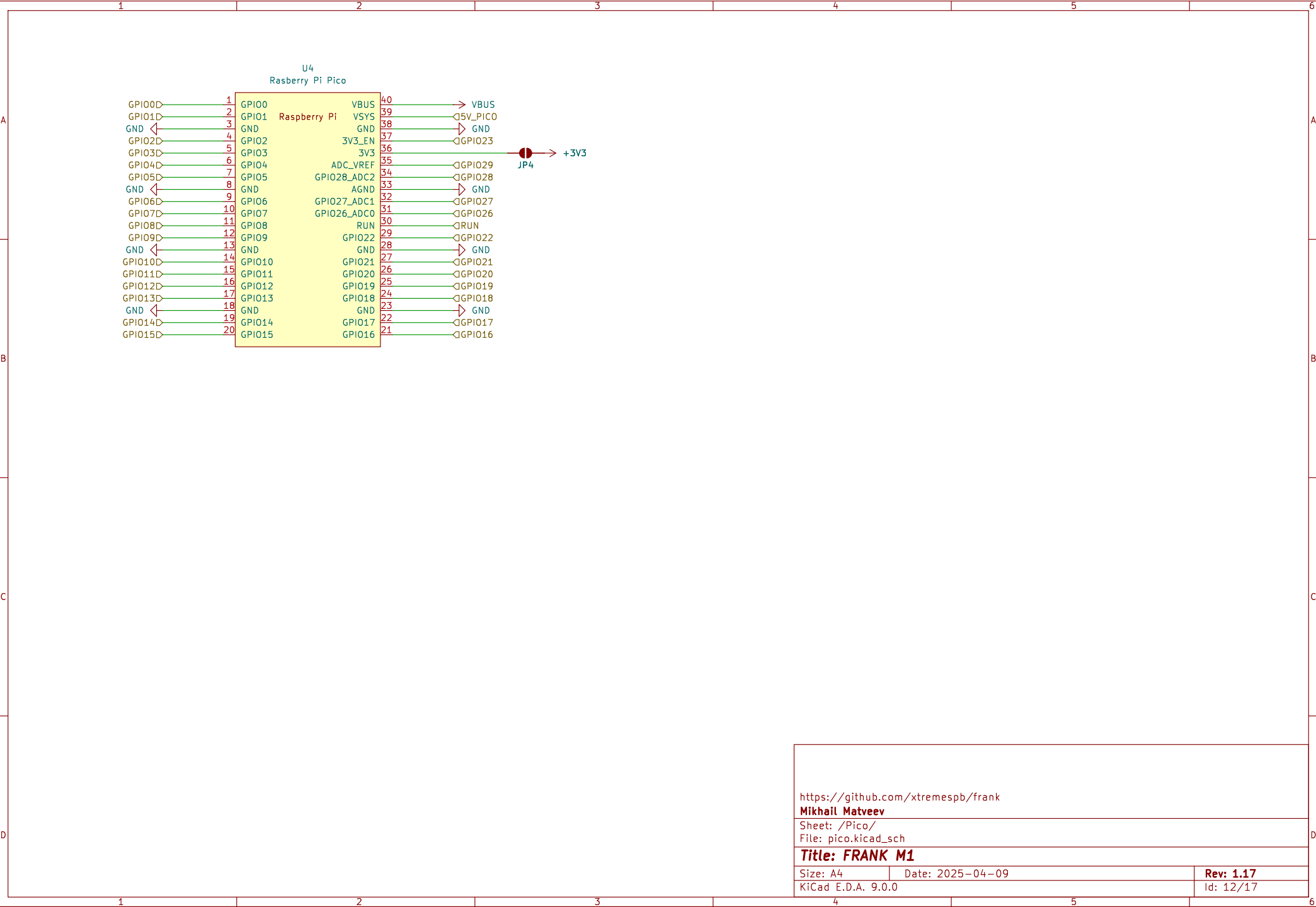
Size: A4

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**Mikhail Matveev**

Sheet: /Pico/

File: pico.kicad\_sch

**Title: FRANK M1**

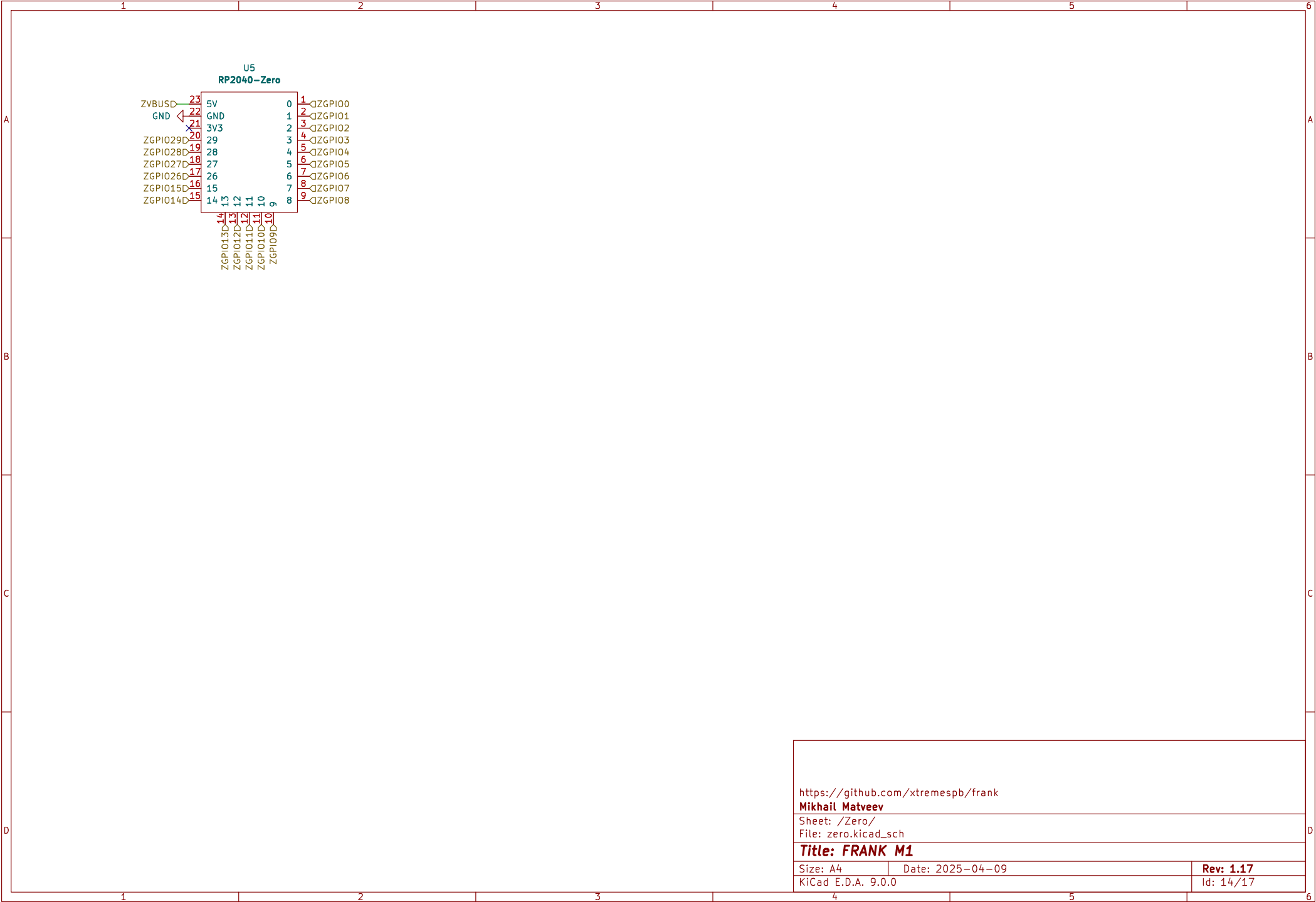
Size: A4

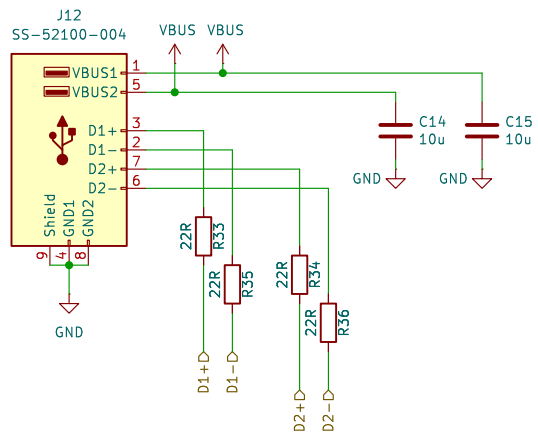
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**Mikhail Matveev**

Sheet: /USB Stacked/

File: usbstack.kicad\_sch

**Title: FRANK M1**

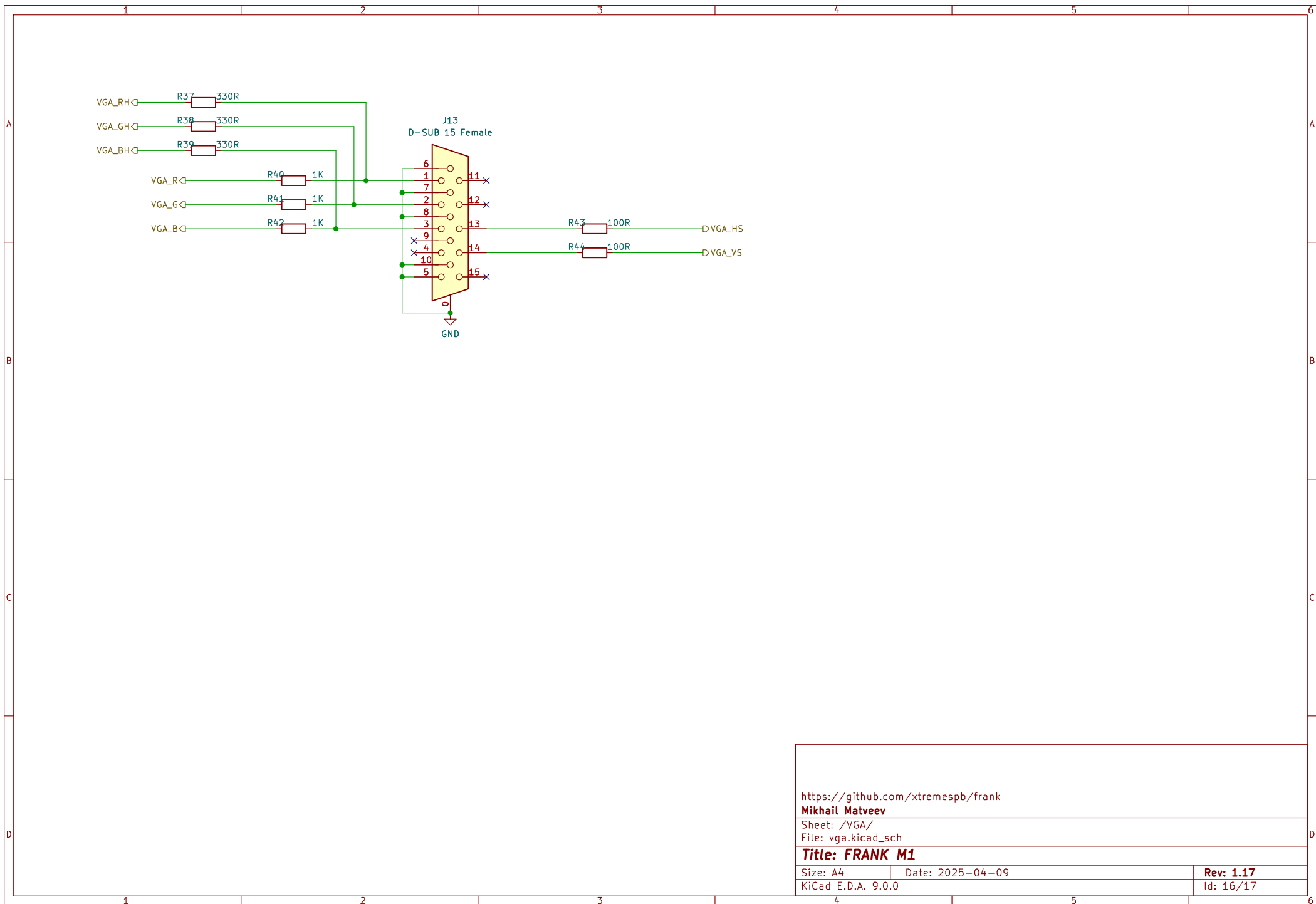
Size: A4

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**Mikhail Matveev**

Sheet: /VGA/

File: vga.kicad\_sch

**Title: FRANK M1**

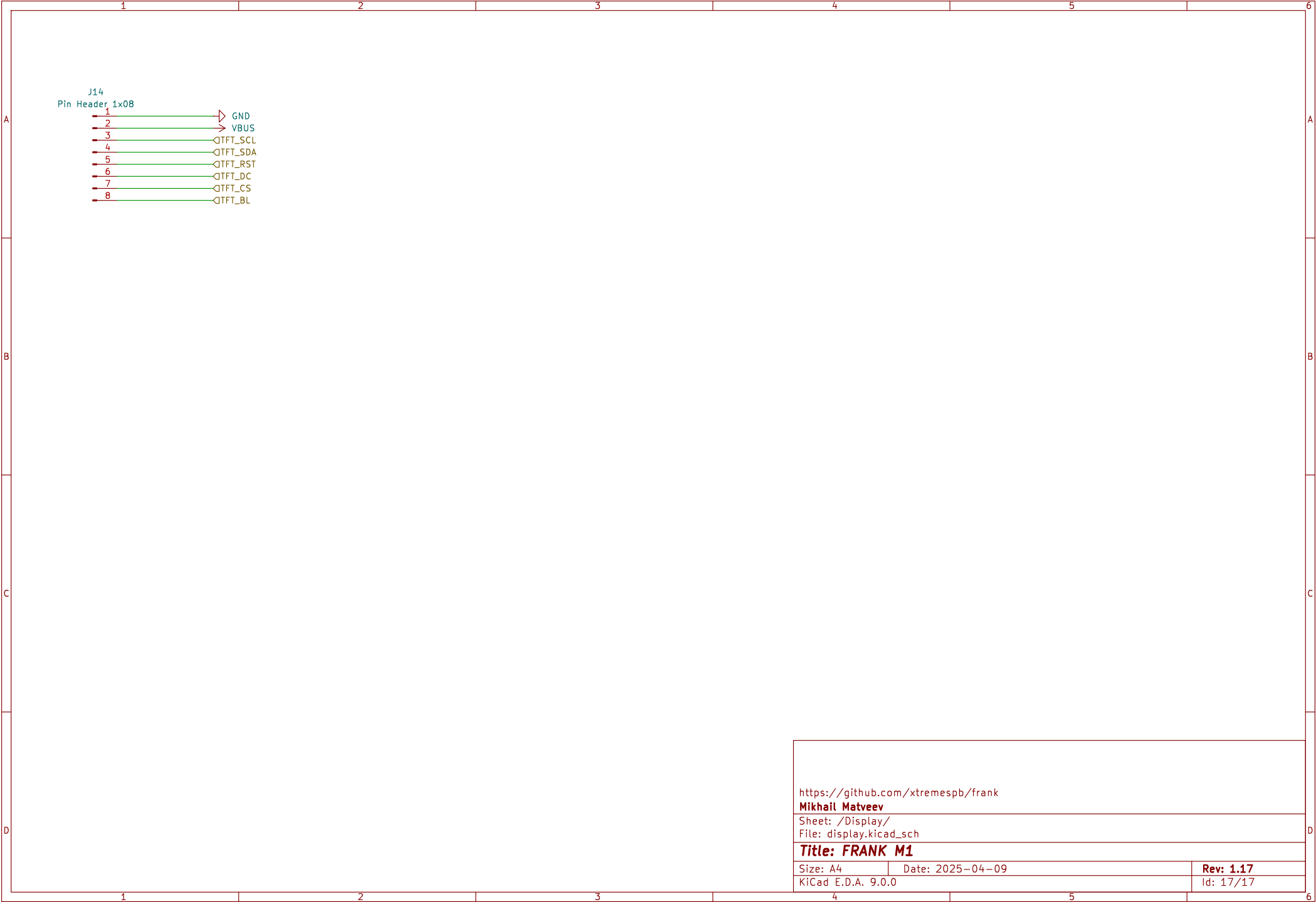
Size: A4

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**Mikhail Matveev**

Sheet: /Display/

File: display.kicad\_sch

**Title: FRANK M1**

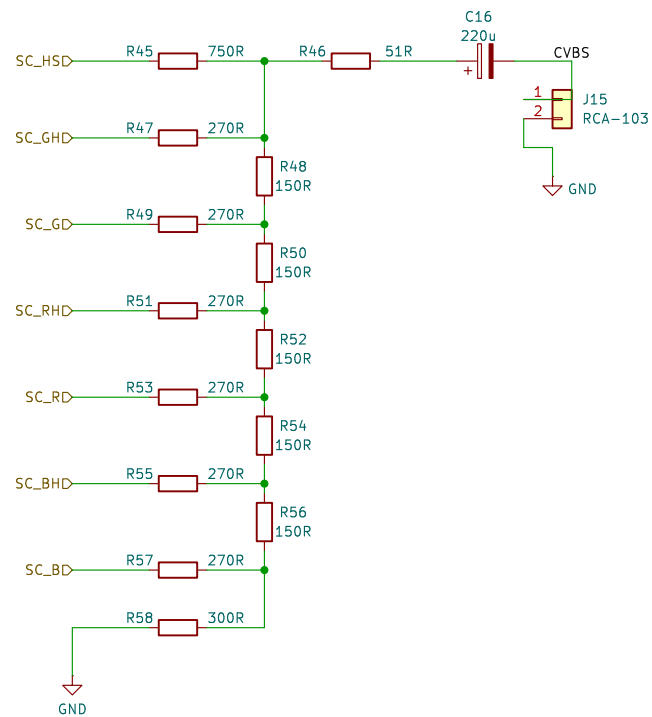
Size: A4

Date: 2025-04-09

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**Mikhail Matveev**

Sheet: /Composite/

File: composite.kicad\_sch

**Title: FRANK M1**

Size: A4

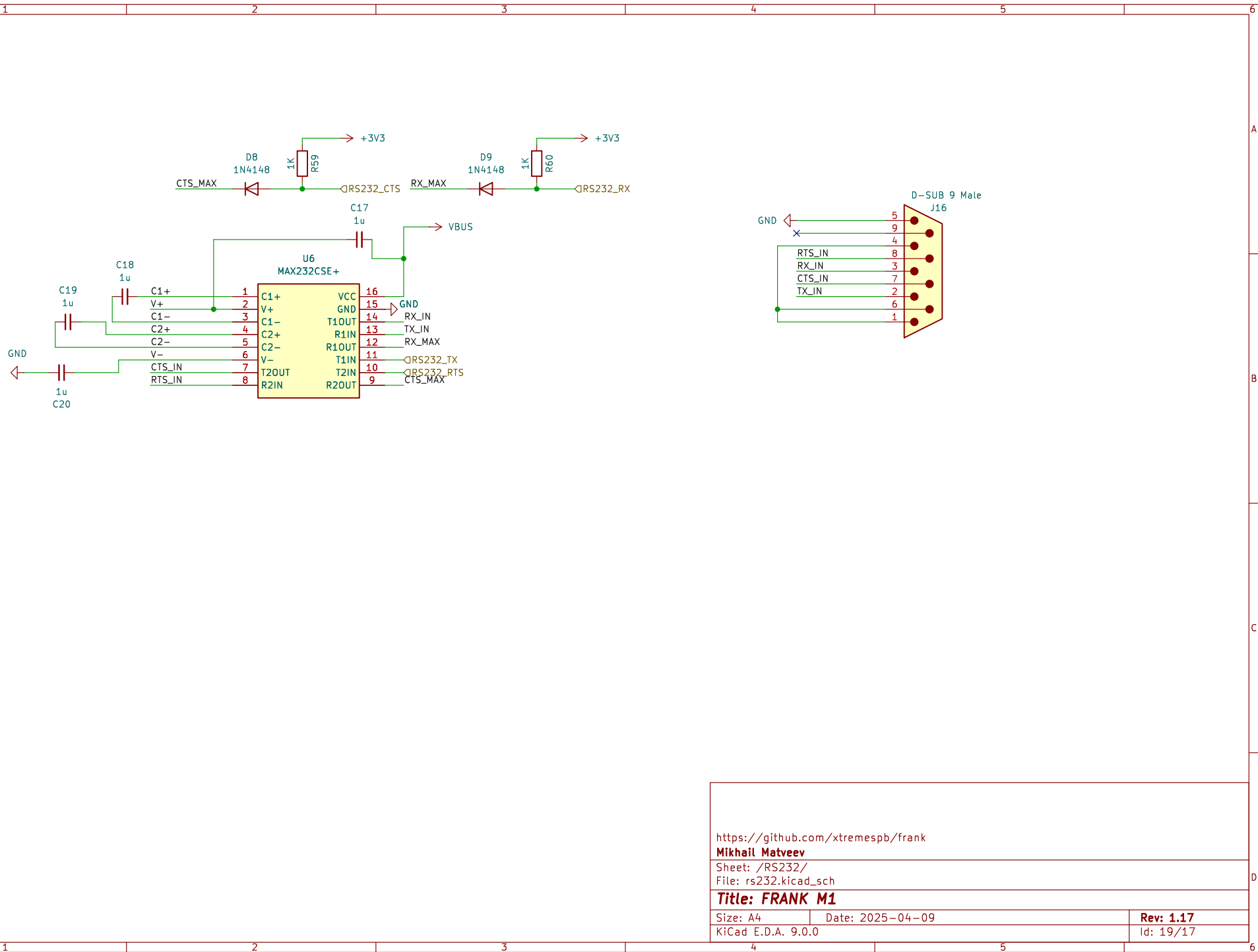
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**Mikhail Matveev**

Sheet: /RS232/

File: rs232.kicad\_sch

**Title: FRANK M1**

Size: A4

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