

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

Mikhail Matveev

Sheet: /RP2040/

File: rp2040.kicad_sch

Title: VersaTerm

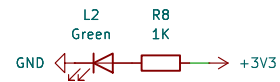
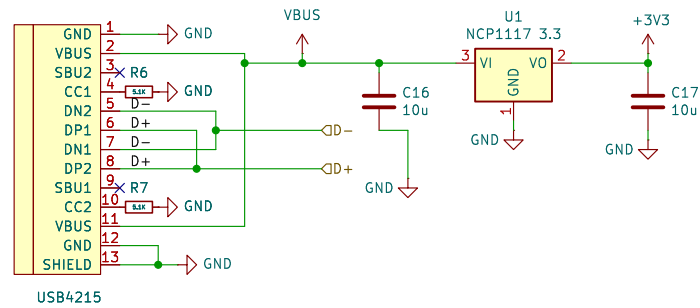
Size: A4 Date: 2025-02-03

KiCad E.D.A. 8.0.7

Rev: 2.01

Id: 2/9

The power source is USB-C connector.
The NCP1117 transforms +5V to +3V3.



The LED indicates +3V power availability.
Usually it's green, but you decide ;-)

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Mikhail Matveev

Sheet: /Power/

File: power.kicad_sch

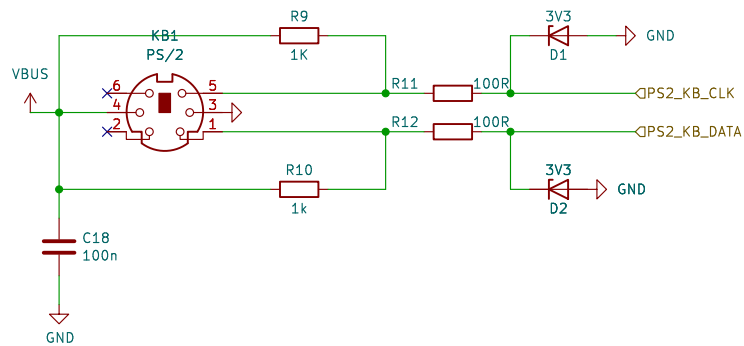
Title: VersaTerm

Size: A4 Date: 2025-02-03

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Rev: 2.01

Id: 3/9



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Mikhail Matveev

Sheet: /PS2/

File: ps2.kicad_sch

Title: VersaTerm

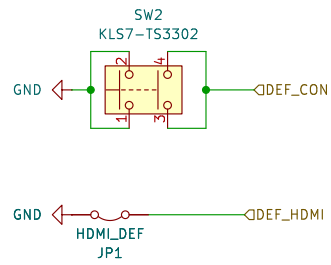
Size: A4

Date: 2025-02-03

Rev: 2.01

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Mikhail Matveev

Sheet: /Defaults/

File: button.kicad_sch

Title: VersaTerm

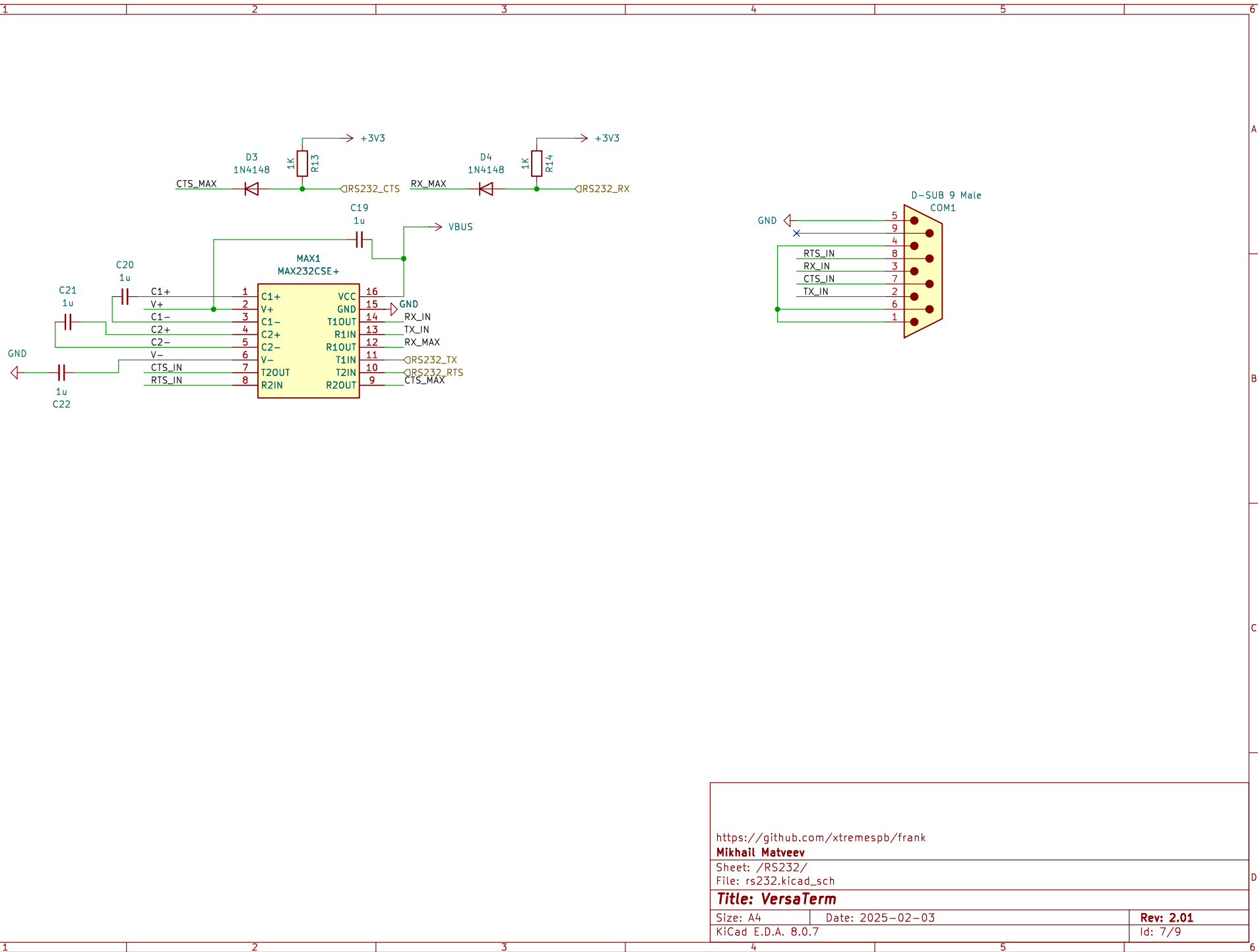
Size: A4

Date: 2025-02-03

Rev: 2.01

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Id: 5/9



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Mikhail Matveev

Sheet: /RS232/

File: rs232.kicad_sch

Title: VersaTerm

Size: A4

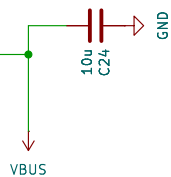
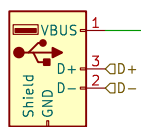
Date: 2025-02-03

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Id: 7/9

USB2
676430910



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Sheet: /USB A/

File: usba.kicad_sch

Title: VersaTerm

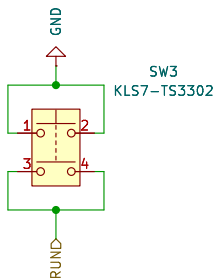
Size: A4

Date: 2025-02-03

Rev: 2.01

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Id: 9/9



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Mikhail Matveev

Sheet: /Reset/

File: reset.kicad_sch

Title: VersaTerm

Size: A4

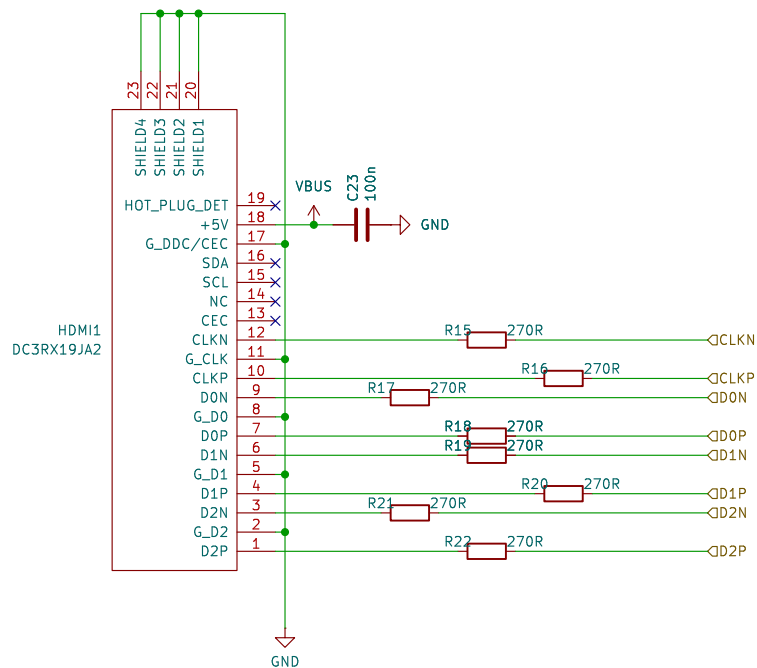
Date: 2025-02-03

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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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Sheet: /HDMI/

File: hdmi.kicad_sch

Title: VersaTerm

Size: A4

Date: 2025-02-03

Rev: 2.01

KiCad E.D.A. 8.0.7

Id: 10/9