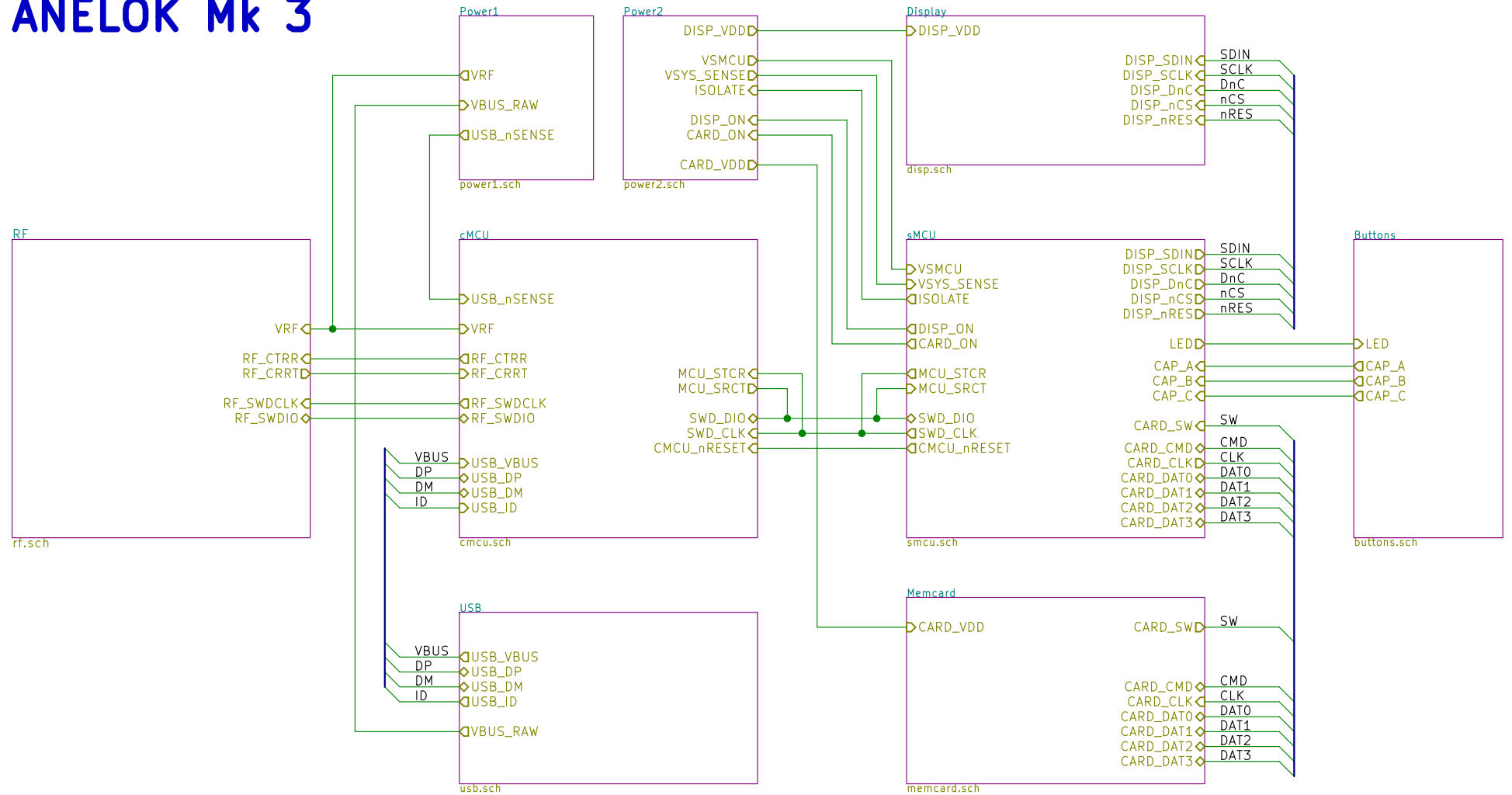


ANELOK Mk 3



Capacitor selection

Unless indicated otherwise, all capacitors should be X5R or X6S, or better (X7R, NP0, etc.)

Y5V is cheaper but very sensitive to temperature, ages rapidly, etc.

If no voltage is specified, use ≥ 6.3 V

Werner Almesberger

Sheet: /

File: anelok.sch

Title: Anelok Password Safe

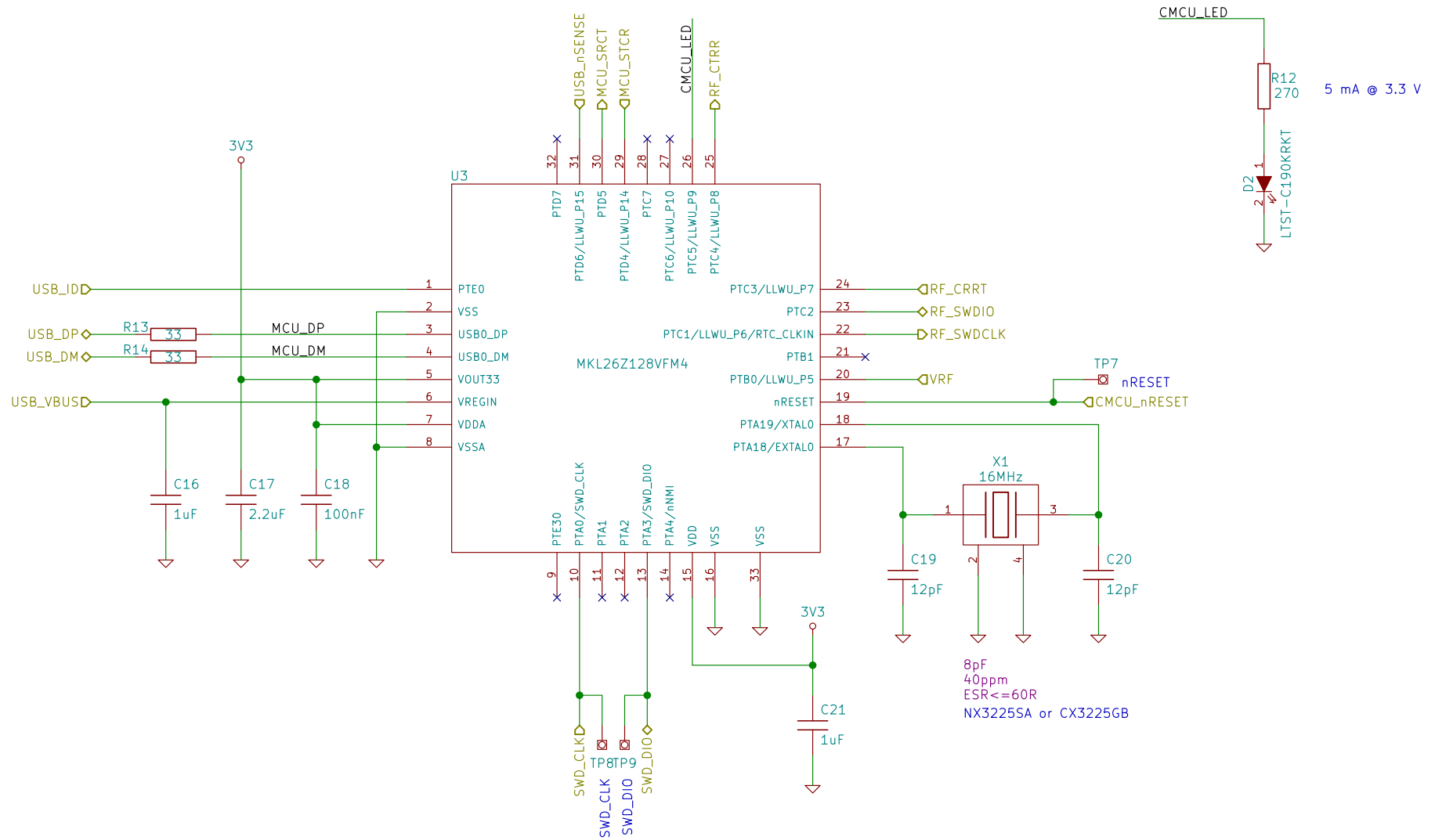
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Date: 2016-02-05

Rev:

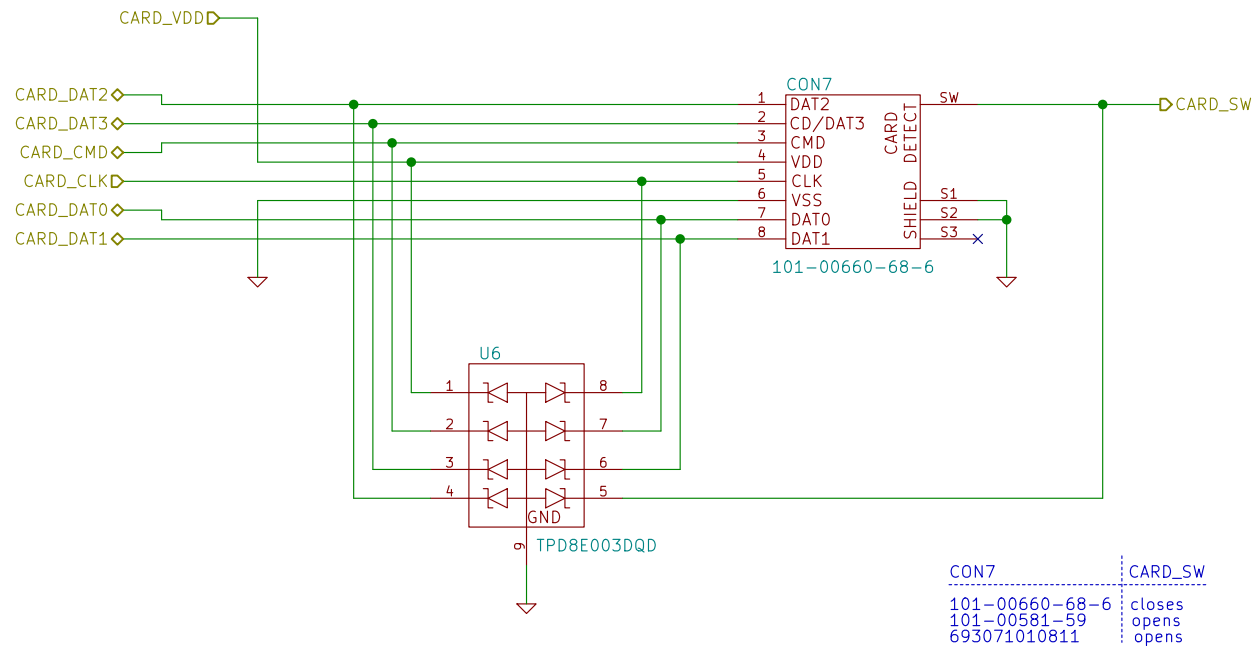
KiCad E.D.A. eeschema 0.201601280802+65174Zubuntu16.04.1-product Id: 1/10

Communications MCU

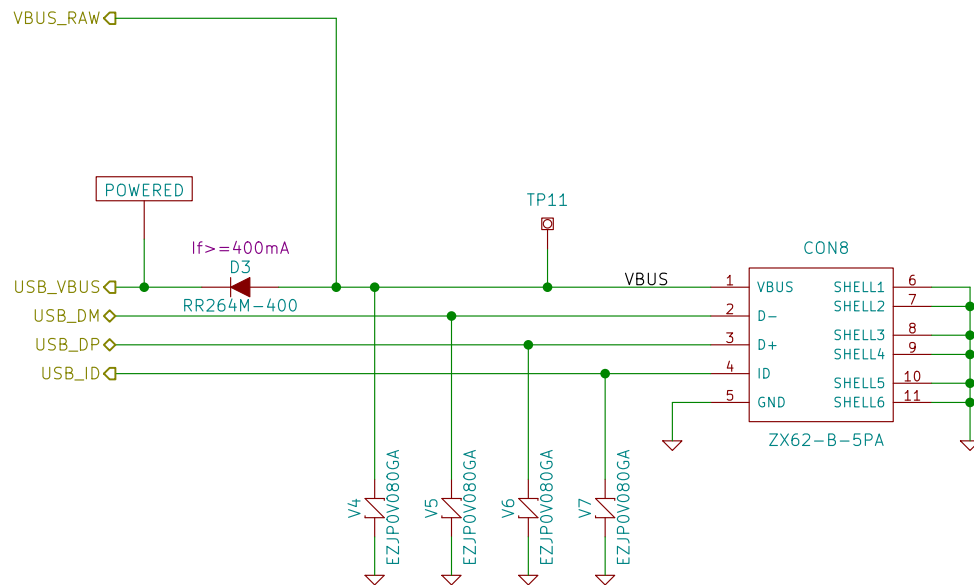


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Size: A4	Date: 2016-02-05	Rev:
KiCad E.D.A. eeschema 0.201601280802+65174Zubuntu16.04.1-product Id: 3/10		

Memory card



USB



Werner Almesberger

Sheet: /USB/

File: usb.sch

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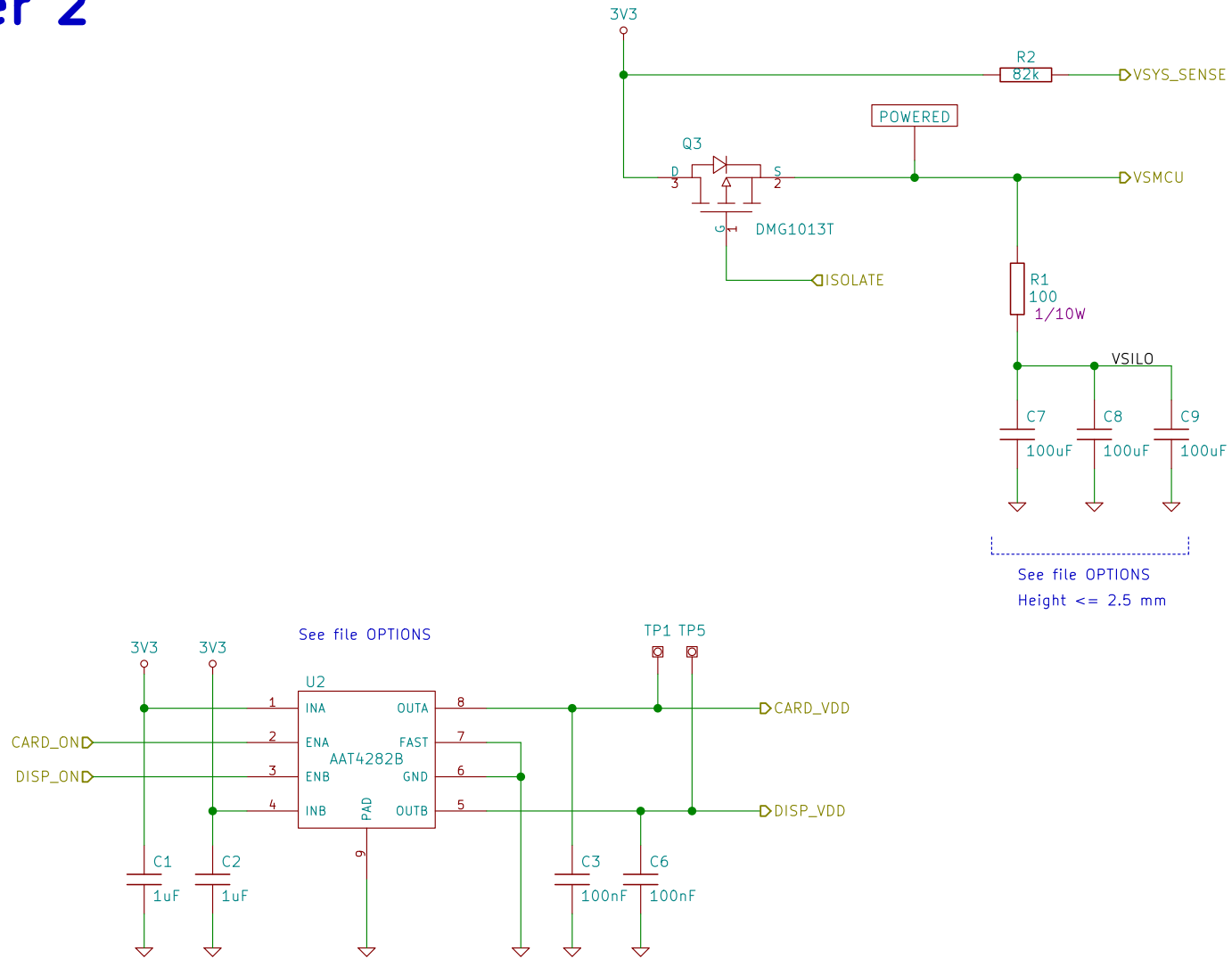
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Rev:

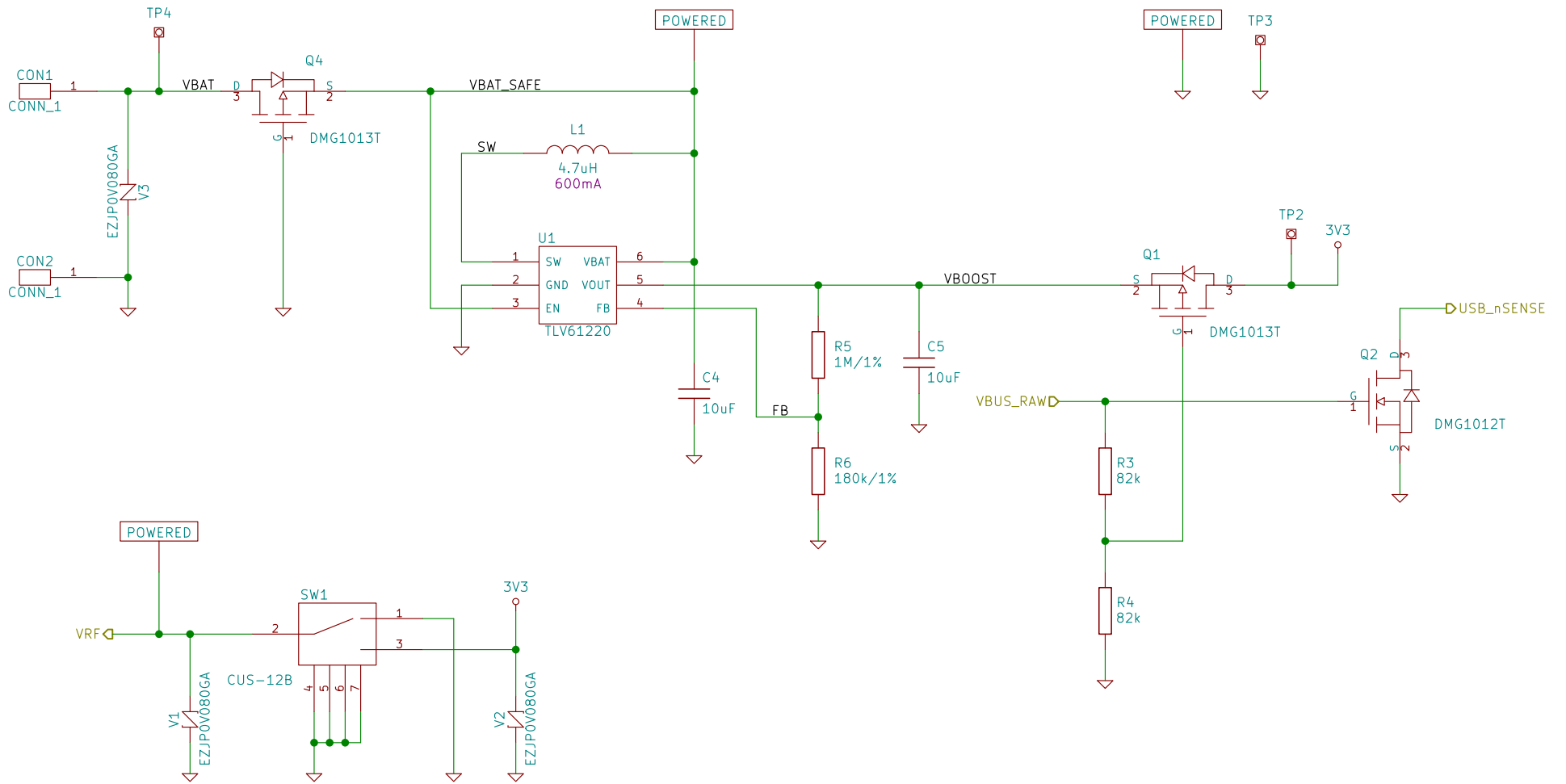
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Power 2



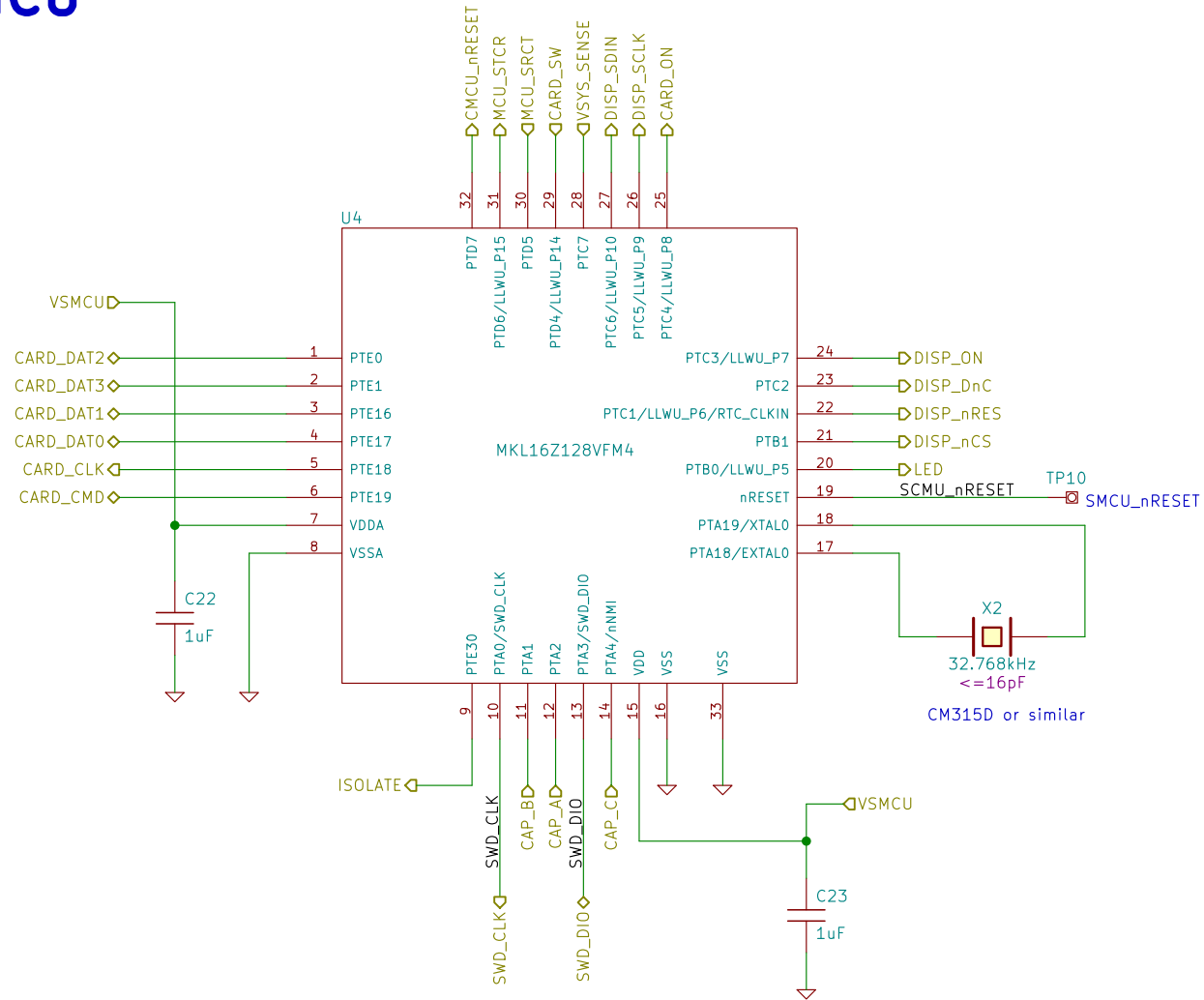
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Power 1



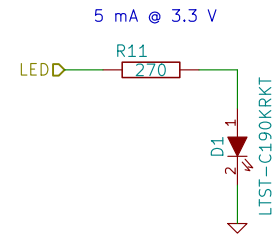
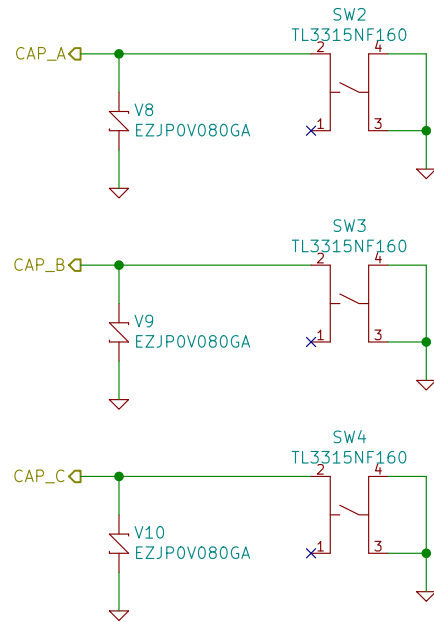
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Size: A4	Date: 2016-02-05	Rev:
KiCad E.D.A. eeschema 0.201601280802+65174Zubuntu16.04.1-product Id: 7/10		

Secure MCU



Werner Almesberger		
Sheet: /sMCU/		
File: smcu.sch		
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Size: A4	Date: 2016-02-05	Rev:
KiCad E.D.A. eeschema 0.201601280802+65174Zubuntu16.04.1-product Id: 8/10		

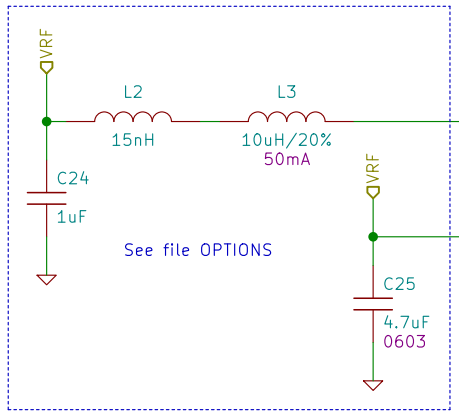
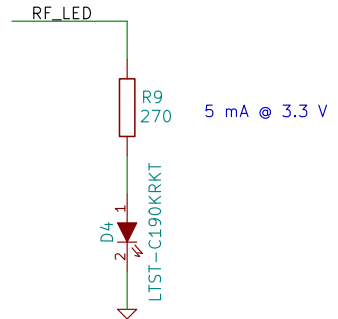
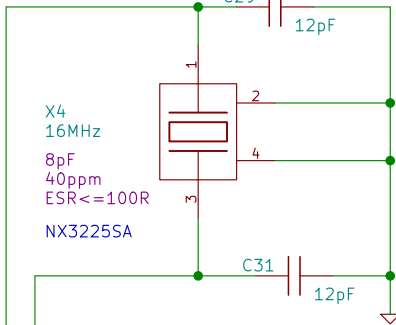
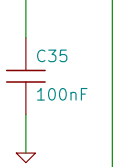
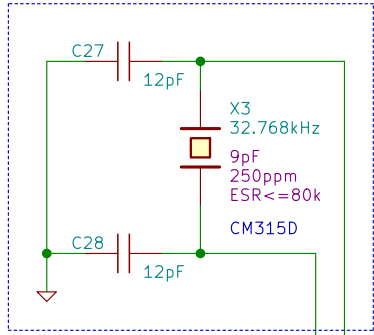
Buttons



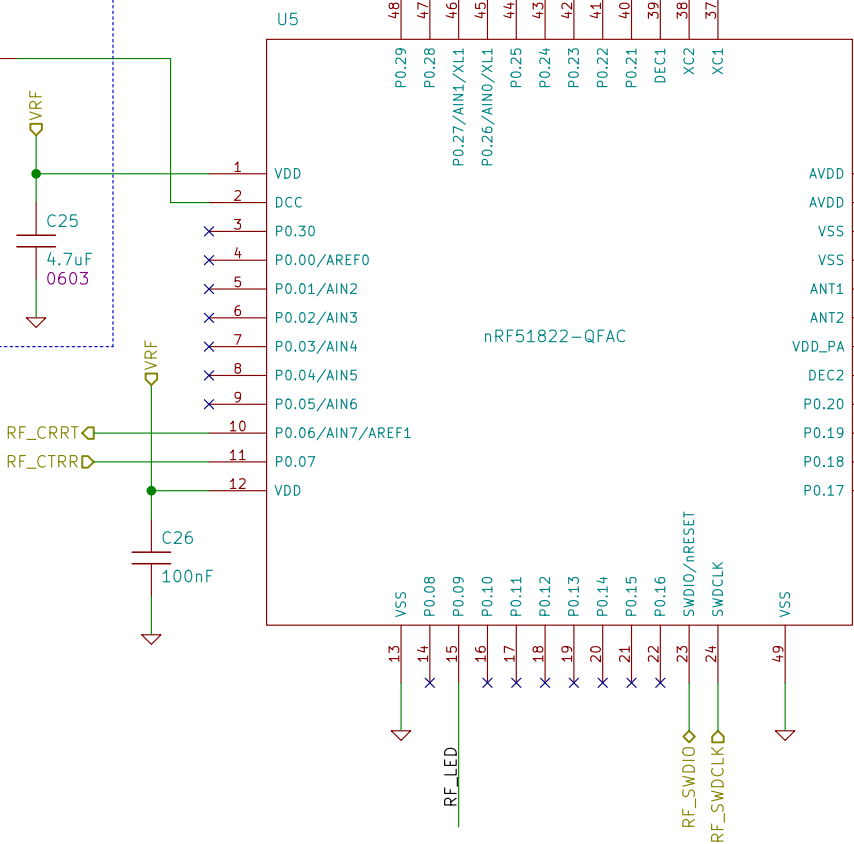
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KiCad E.D.A. eeschema 0.201601280802+65174Zubuntu16.04.1-product Id: 9/10		

RF

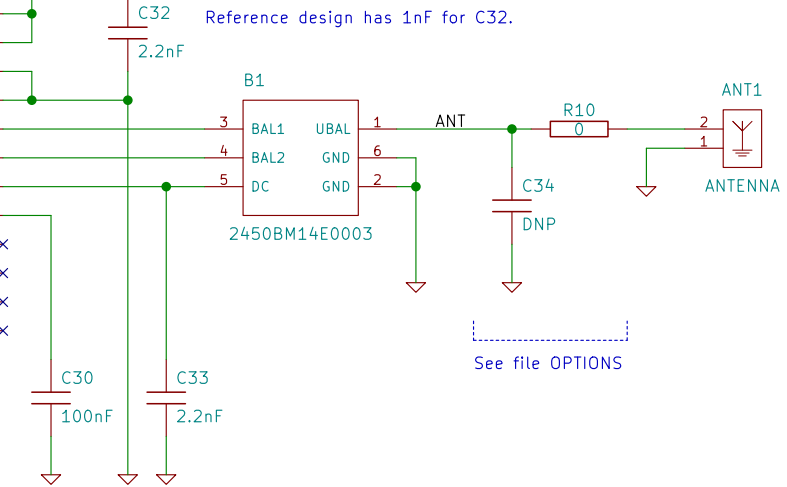
See file OPTIONS



See file OPTIONS



Reference design has 1nF for C32.



See file OPTIONS

Reference design has 47nF for C30.

Werner Almesberger		
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File: rf.sch		
Title: Anelok Password Safe		
Size: A4	Date: 2016-02-05	Rev:
KiCad E.D.A. eeschema 0.201601280802+65174Zubuntu16.04.1-product Id: 10/10		