

Sheet: Microcontroller

File: microcontroller.sch

Sheet: Power

File: power.sch

Sheet: Display

File: display.sch

Sheet: NFC

File: nfc.sch

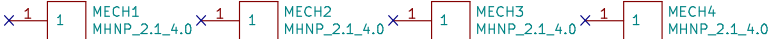
Sheet: USB

File: usb.sch

Sheet: History

File: history.sch

mounting holes



generationmake

Sheet: /
File: snowfox-hw-business-card.sch

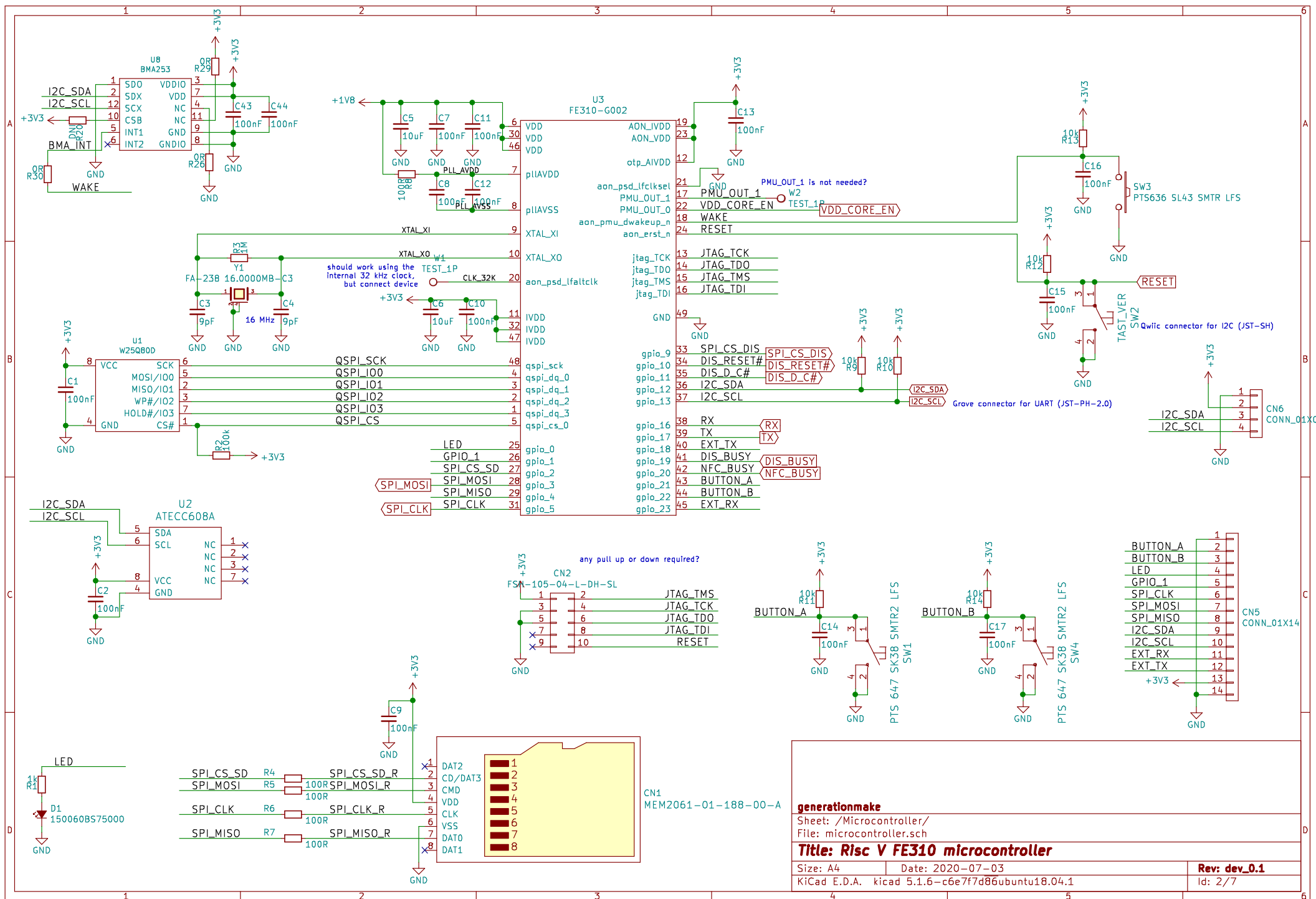
Title: snowfox-hw-business-card

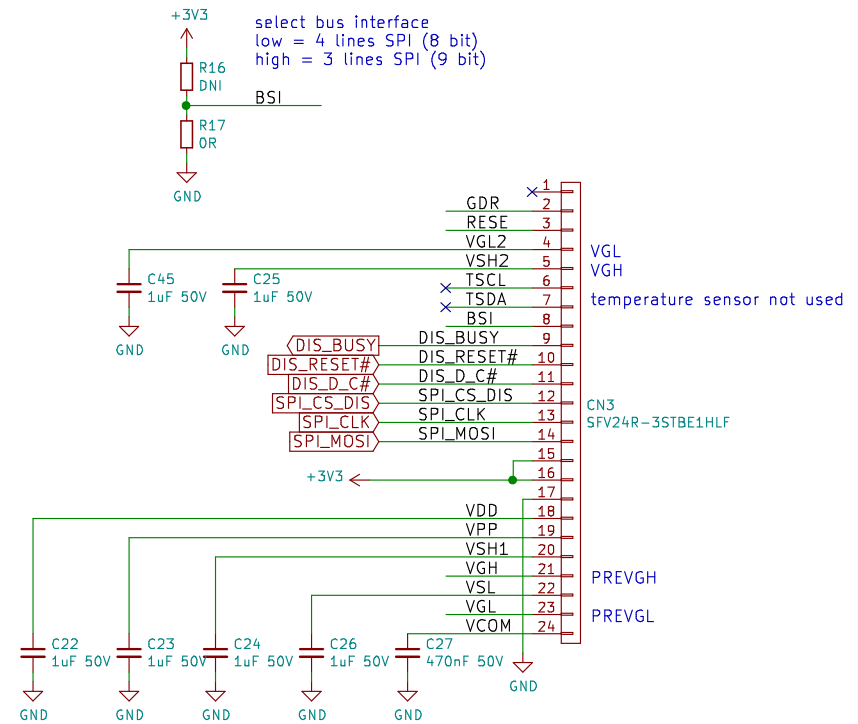
Size: A4
KiCad E.D.A. kicad 5.1.6-c6e7f7d86ubuntu18.04.1

Date: 2020-07-03

Rev: dev_0.1

Id: 1/7



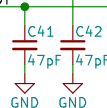
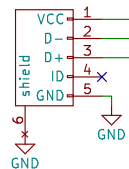


should also be compatible with display USE0290-BWNL-01 – Electronic Paper display from Unisystem Co.
<https://www.unisystem-displays.com/en/products/epd/use0290-bwnl-01.html>

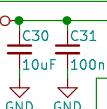
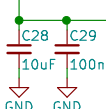
generationmake	
Sheet: /Display/ File: display.sch	
Title: e-paper display	
Size: A4	Date: 2020-07-03
KiCad E.D.A. kicad 5.1.6-c6e7f7d86ubuntu18.04.1	Rev: dev_0.1 Id: 3/7

is now USB micro
change to USB type C

CN4
10118192-0001LF



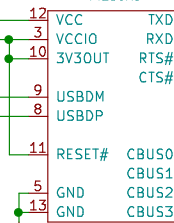
VIN



USBDM_R
USBDP_R

use SSOP package

U4
FT230XS



VIO

D5

150060GS75000

R21

1k

RX_LED

TX_LED

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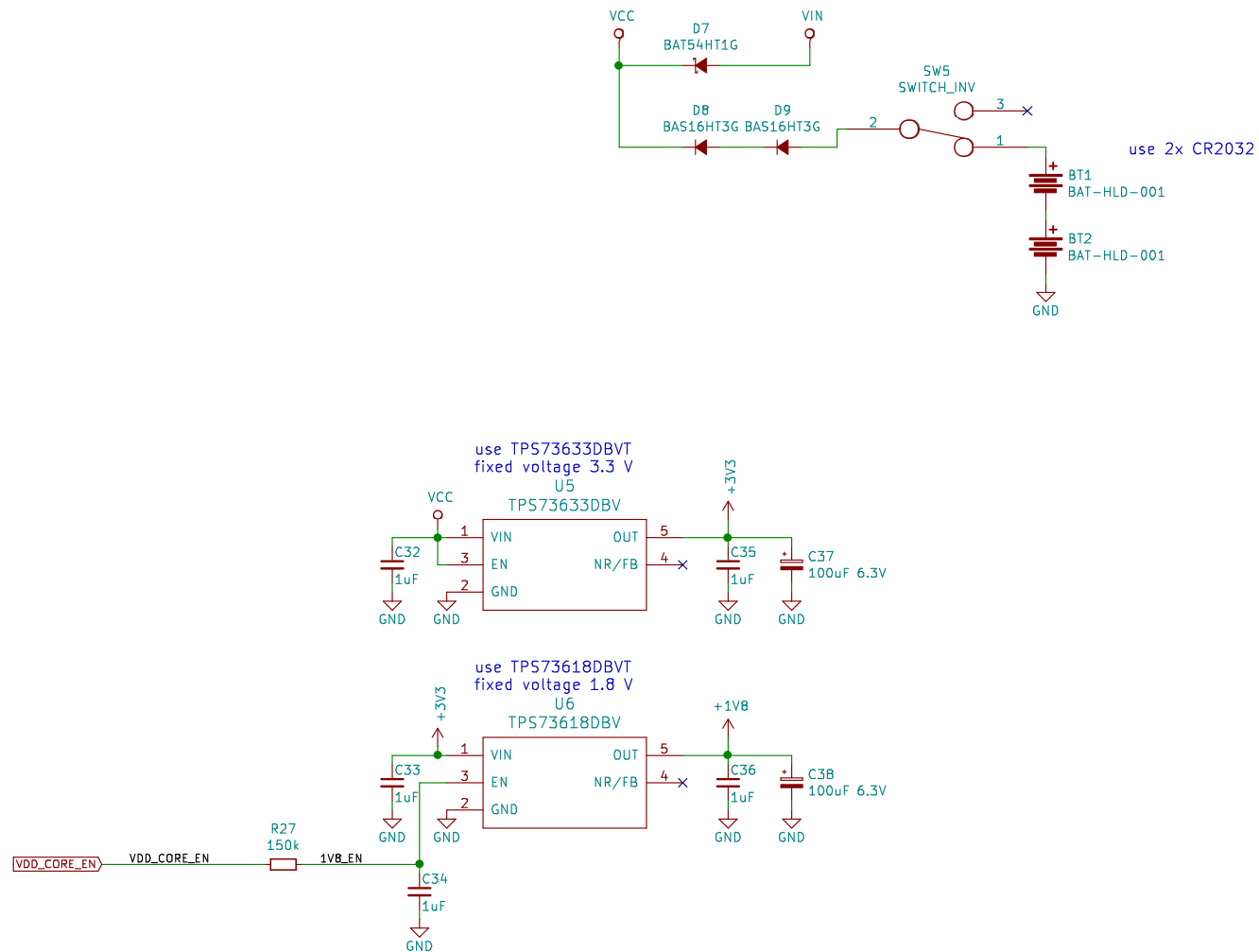
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generationmake

Sheet: /Power/

File: power.sch

Title: power

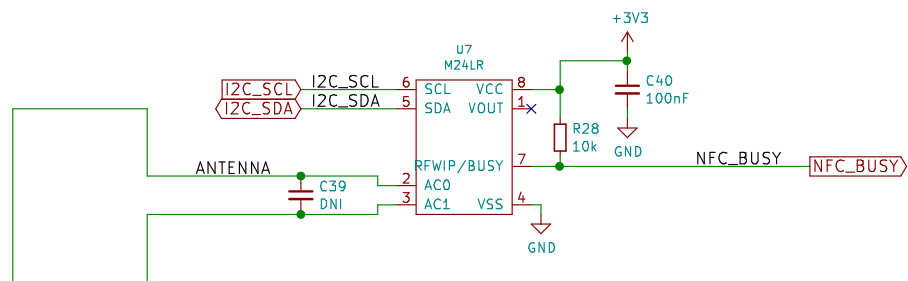
Size: A4

Date: 2020-07-03

KiCad E.D.A. kicad 5.1.6-c6e7f7d86ubuntu18.04.1

Rev: dev_0.1

Id: 5/7



generationmake

Sheet: /NFC/

File: nfc.sch

Title: NFC eeprom

Size: A4

Date: 2020-07-03

Rev: dev_0.1

KiCad E.D.A. kicad 5.1.6-c6e7f7d86ubuntu18.04.1

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	1	2	3	4	5	6
A	version	date	name	description		
	1.0	2020-07-03	Bernhard Mayer	initial release		
B						
C						
D						
	1	2	3	4	5	6

generationmake

Sheet: /History/
File: history.sch

Title: history

Size: A4	Date: 2020-07-03	Rev: dev_0.1
KiCad E.D.A. kicad 5.1.6-c6e7f7d86ubuntu18.04.1	Id: 7/7	