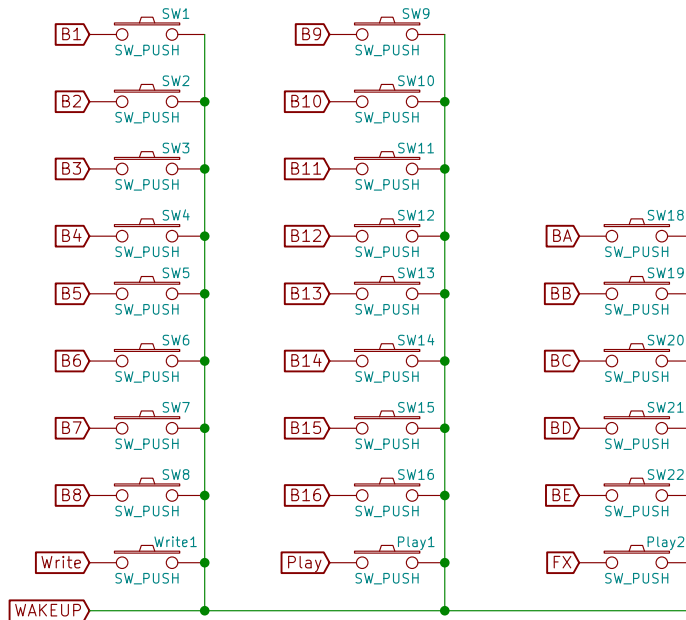


Micro-Controller

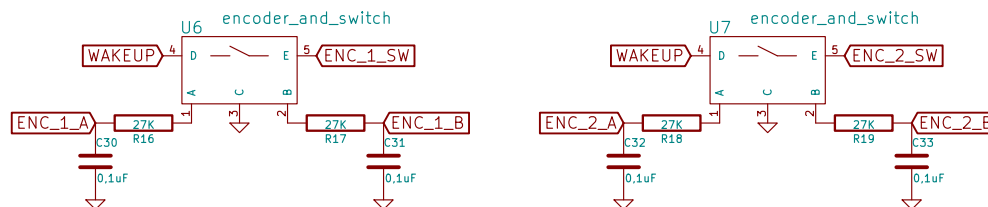
LED Matrix

micro-controller.sch

led_matrix.sch



TODO:



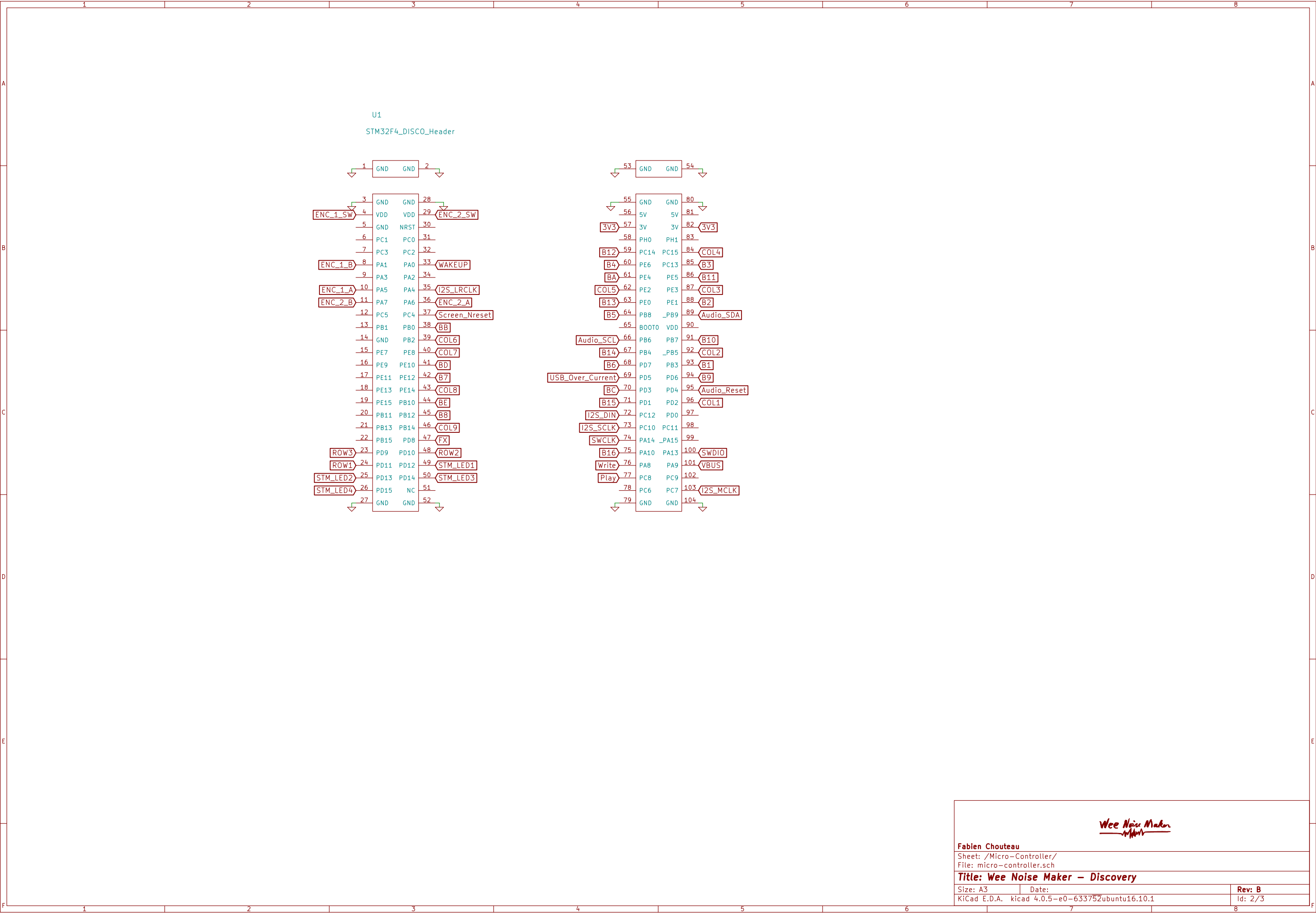
Fabien Chouteau

Sheet: /
File: wnm_discovery.sch

Title: Wee Noise Maker – Discovery

Size: A4
KiCad E.D.A. kicad 4.0.5-e0-633752ubuntu16.10.1

Date:
Rev: B
Id: 1/3



12345678

A

B

C

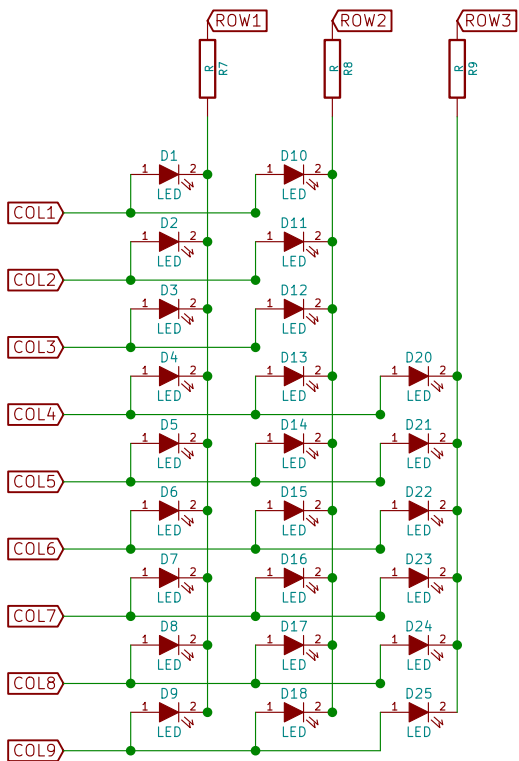
D

E

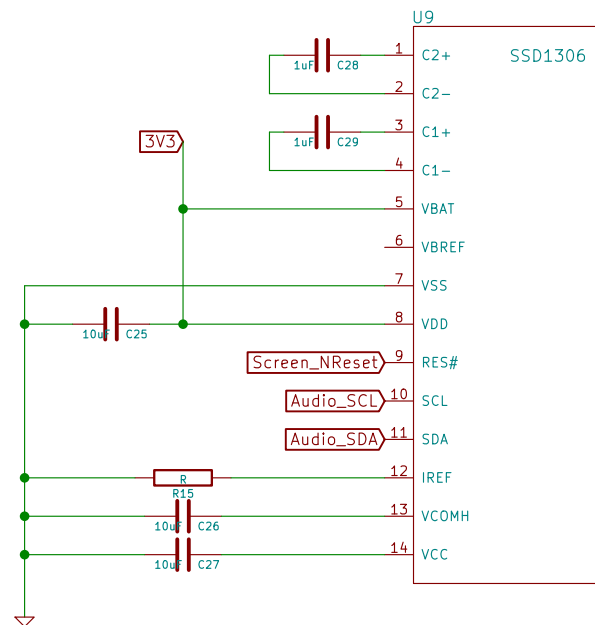
F

LED matrix

With 24 LEDs we could do a 5x5 (10 GPIOs) matrix, but having the LED logic matrix following the placement layout produces a cleaner PCB. The trade-off is that we use 2 more GPIOs.



OLED screen



Wee Hair Maker

Fabien Chouteau

Sheet: /LED_Matrix/

File: led_matrix.sch

Title: Wee Noise Maker – Discovery

Size: A4

Date:

Rev: B

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KiCad E.D.A. kicad 4.0.5-e0-633752ubuntu16.10.1
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Id: 3/3