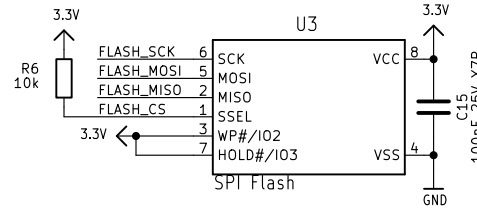
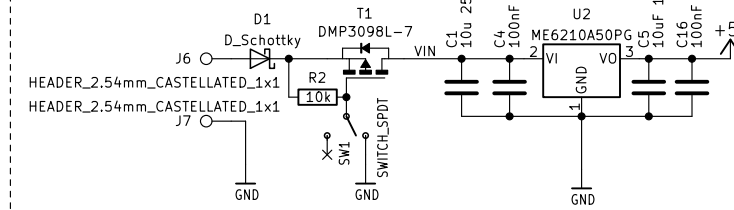


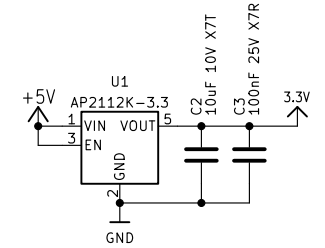
SPI FLASH



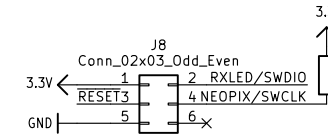
POWER SUPPLY: 5V



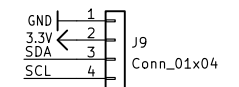
POWER SUPPLY: 3.3V



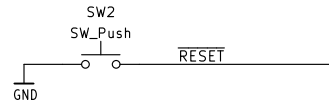
SWD Interface – TAG connect or compatible



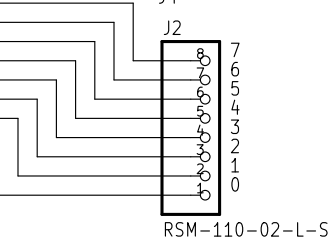
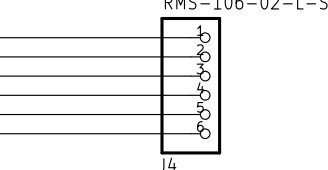
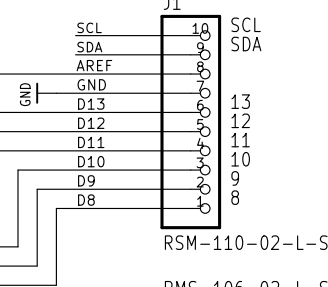
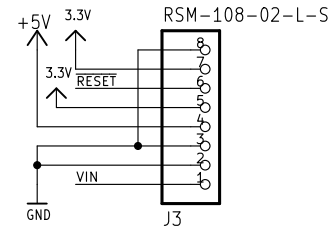
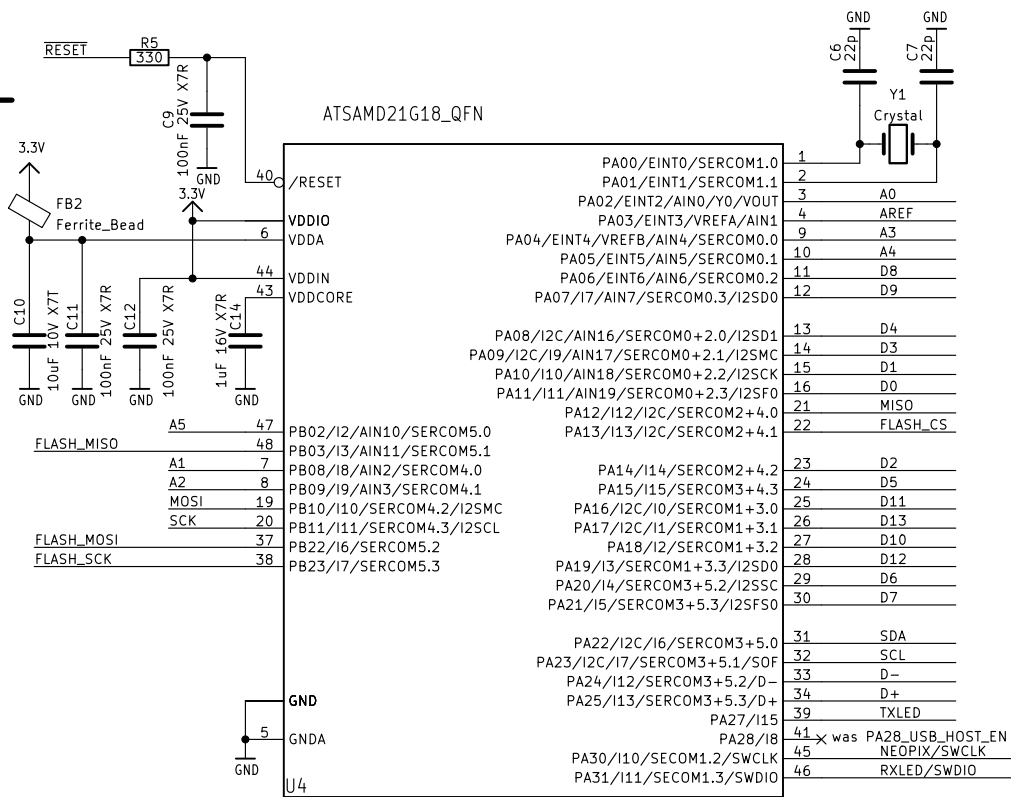
STEMMA QT connector



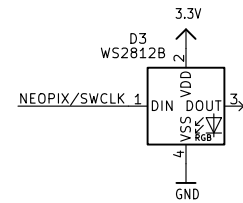
ATSAMD21G18



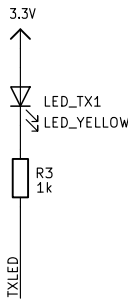
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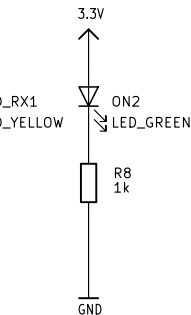
NEOPIXEL LED



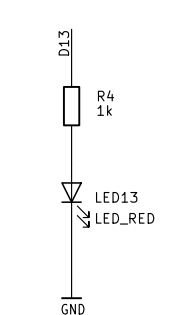
RX/TX LED



POWER LED



D13 LED



Schematic/PCB based on

- Adafruit Metro M0 Express by Limor Fried & KTOWN EAGLE project (github.com/adafruit/Adafruit-Metro-M0-Express-PCB – CC BY-SA 3.0)
- Arduino Uno Mini by Arduino/Giuseppe Pinto ALTIUM PCB / PDF schematic (docs.arduino.cc/hardware/uno-mini-le – CC BY-SA)

Additional libraries taken from – beside Kicad standard Libs and own work:

- Esden (github.com/esden/pretty-kicad-libs – div. licenses see repo)
- Arturo182 (github.com/arturo182/kicad-modules – MIT License)

Some ideas added and mixed together in KiCad by

Alex (@tinyedmatrix)

License: XYZ TODO

Responsible dept. dev	Technical reference	Document type electrical schematic	Document status draft
@tinyedmatrix	Created by AL	Title, Supplementary title MiniMetroM0 SAMD21 Mini Dev-Board	CC TBD-TBD
	Approved by none	Rev. 0	Date of issue 2021-12-25
		Lang. EN	Sheet #/1