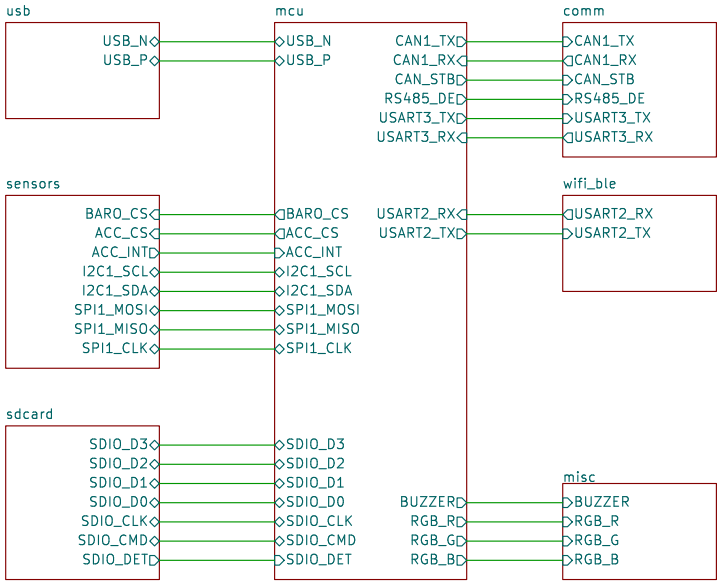

H1 H2 H3 H4

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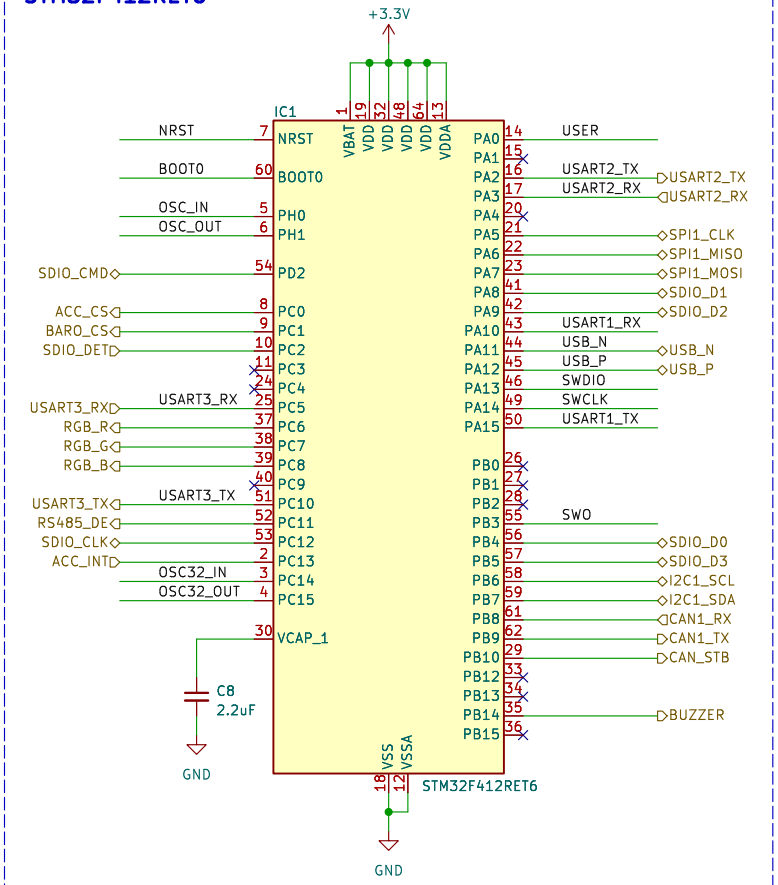
File: d3vk1t.kicad_sch

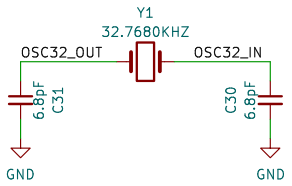
Title: D3VK1T

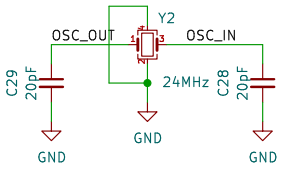
Size: A4	Date: 2023-05-22	**Rev: 1.0**
KiCad E.D.A. kicad (7.0.0)		Id: 1/8

STM32F412RET6

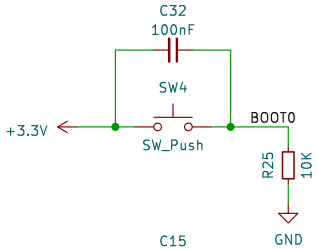


CRYSTALS

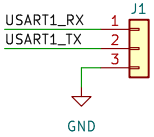




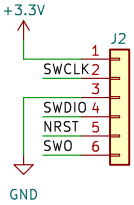
BUTTONS



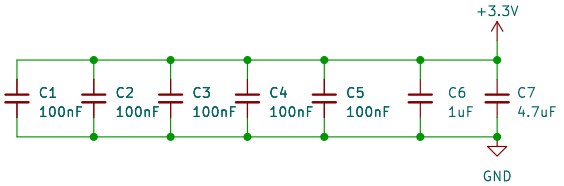
SHELL



SWD



MCU DECOUPLING CAP'S



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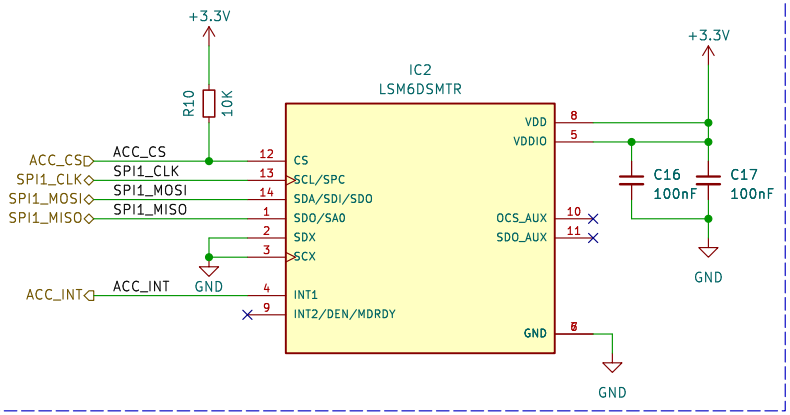
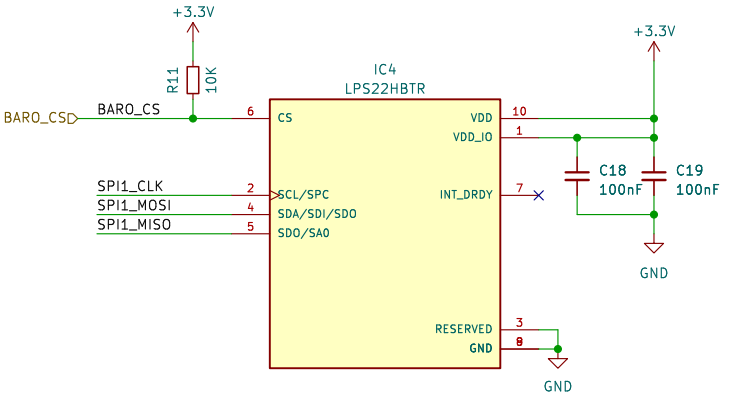
Title: Microcontroller

Size: A4	Date: 2023-05-22	**Rev: 1.0**
KiCad E.D.A. kicad (7.0.0)		Id: 2/8

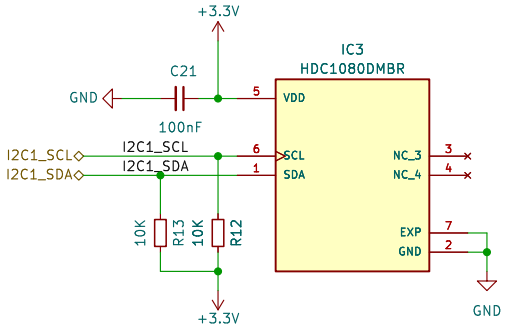
IMU SENSOR



PRESSURE SENSOR



TEMPERATURE & HUMIDITY SENSOR

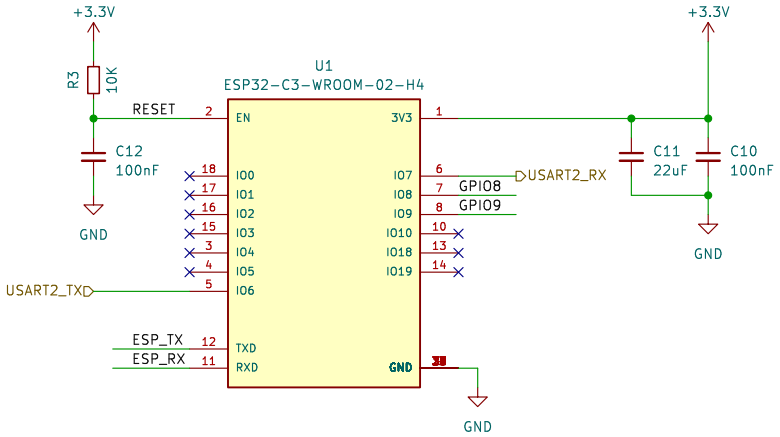


Sheet: /sensors/
File: sensors.kicad_sch

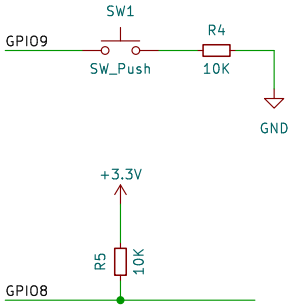
Title: Sensors

Size: A4	Date: 2023-05-22	**Rev: 1.0**
KiCad E.D.A. kicad (7.0.0)		Id: 3/8

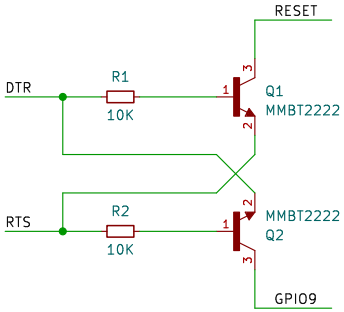
ESP32 – C3



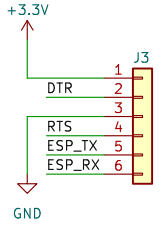
STRAPPING BITS – ESP32 – C3



AUTO-RESET CIRCUIT



ESP32 – FLASH

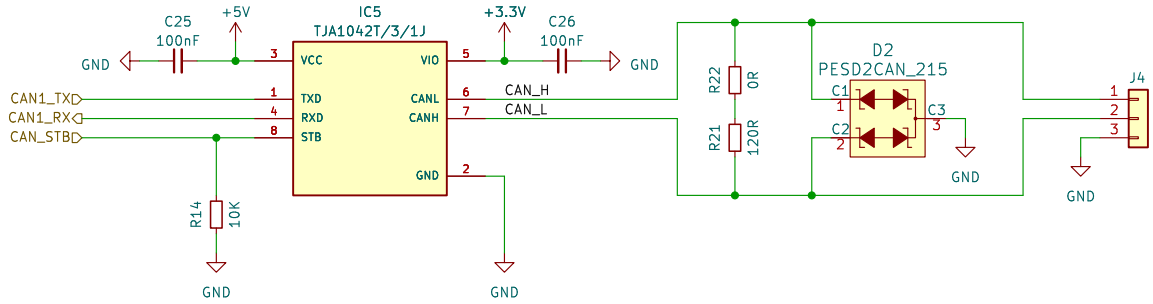


Sheet: /wifi_ble/
File: wifi_ble.kicad_sch

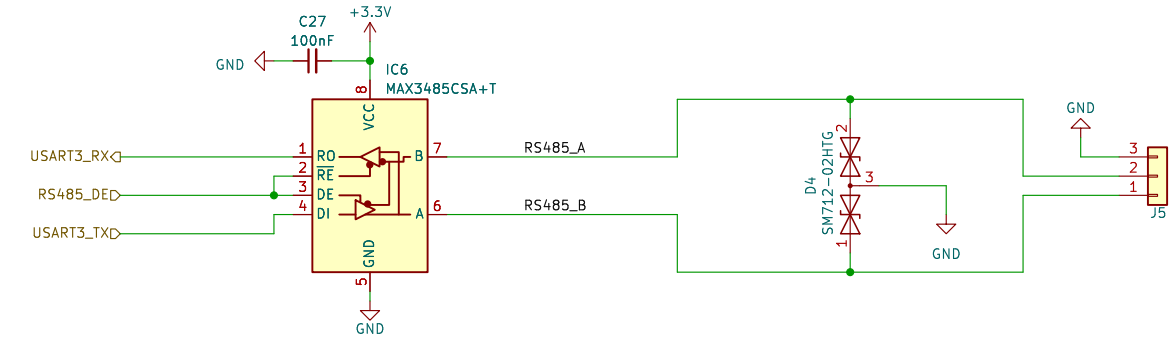
Title: Wi-Fi & Bluetooth Module

Size: A4	Date: 2023-05-22	**Rev: 1.0**
KiCad E.D.A. kicad (7.0.0)		Id: 4/8

CAN INTERFACE



RS485 INTERFACE



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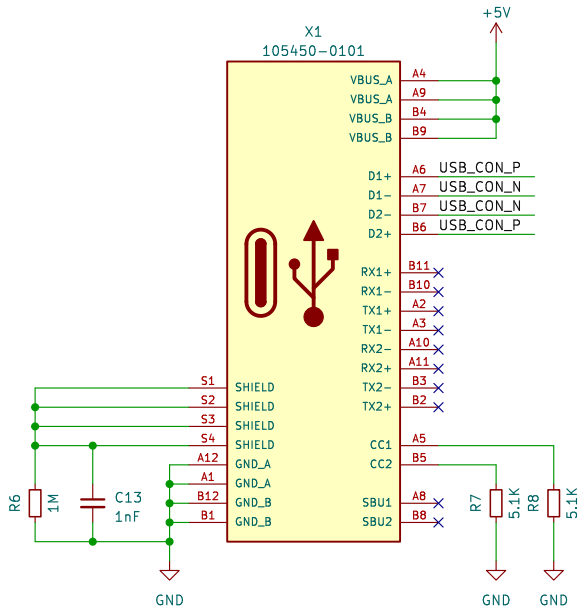
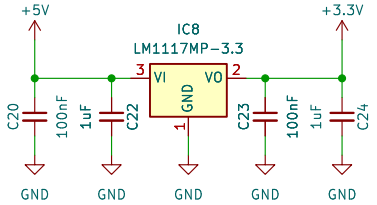
Title: Serial Communication		
Size: A4	Date: 2023-05-22	**Rev: 1.0**
KiCad E.D.A. kicad (7.0.0)		Id: 5/8

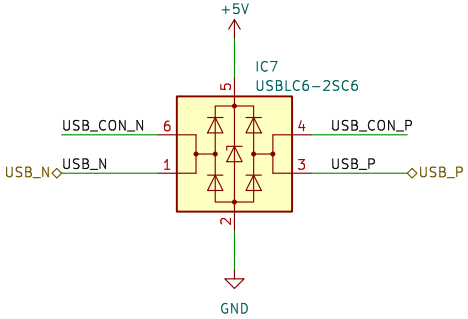
USB CONNECTOR



LDO 3.3V/0.8A



USB TVS



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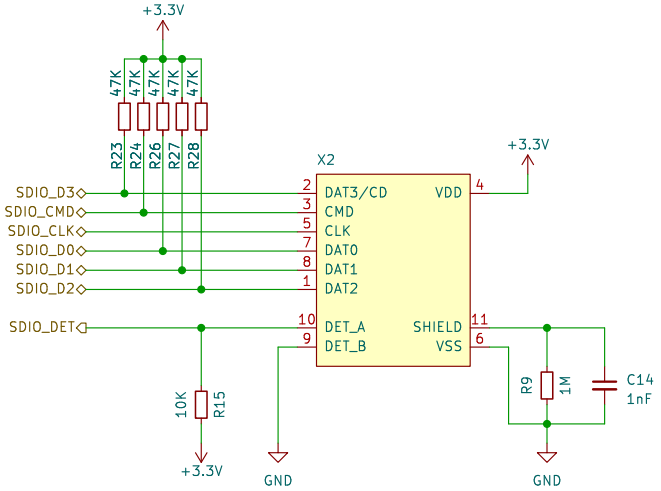
Title: USB

Size: A4	Date: 2023-05-22	**Rev: 1.0**
KiCad E.D.A. kicad (7.0.0)		Id: 6/8

SDCARD CIRCUIT

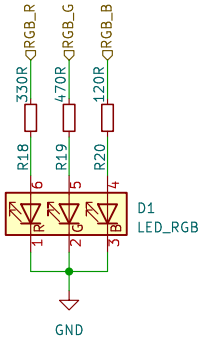


Sheet: /sdcard/
File: sdcard.kicad_sch

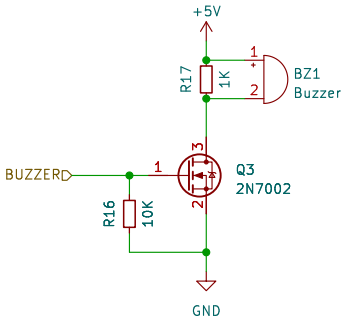
Title: SDCard

Size: A4	Date: 2023-05-22	**Rev: 1.0**
KiCad E.D.A. kicad (7.0.0)		Id: 7/8

STATUS LED



BUZZER



Sheet: /misc/
File: misc.kicad_sch

Title: Miscellaneous

Size: A4	Date: 2023-05-22	**Rev: 1.0**
KiCad E.D.A. kicad (7.0.0)		Id: 8/8