

Sheet: /accel/
File: accel_bma400.kicad_sch

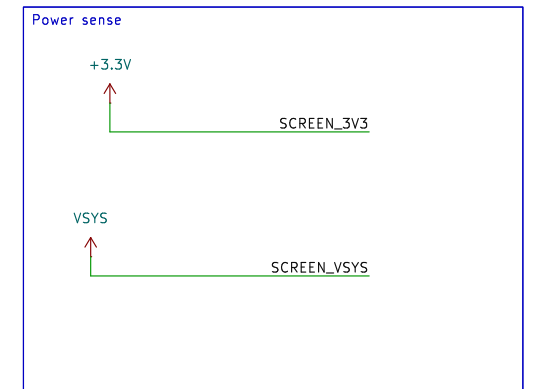
Title:

Size: A4
KiCad E.D.A. 9.0.0

Date:

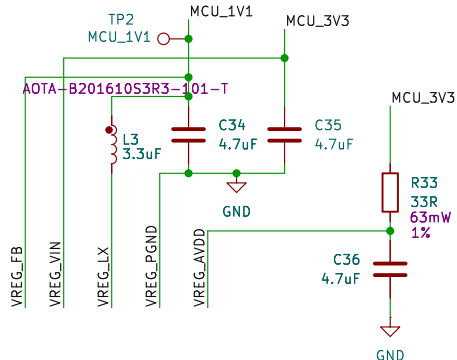
Rev:

Id: 2/11

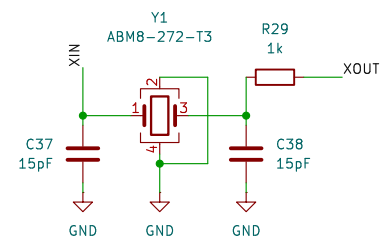


Rev:
Id: 3/11

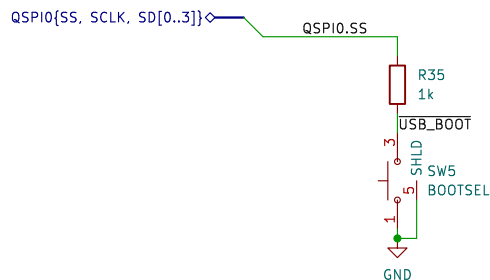
VREG SMPS



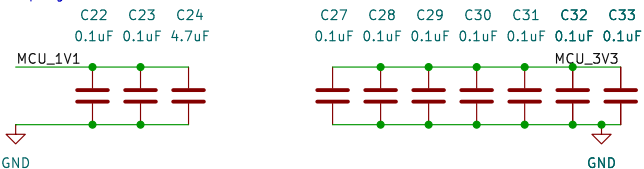
12MHz Crystal



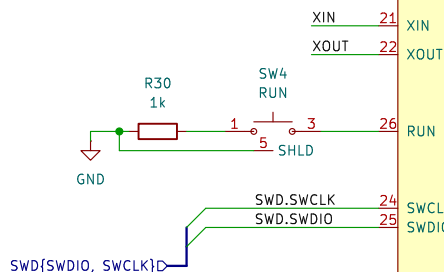
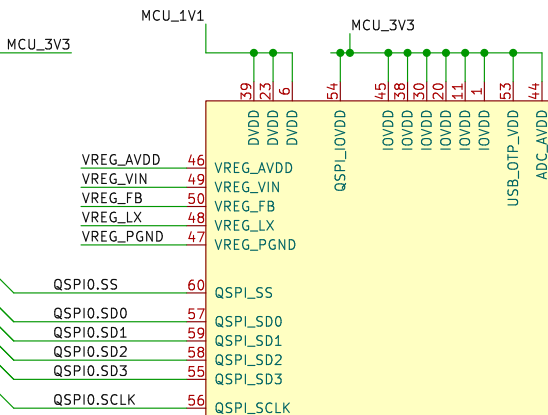
TODO: Check if caps are the right value on a 4 layer board



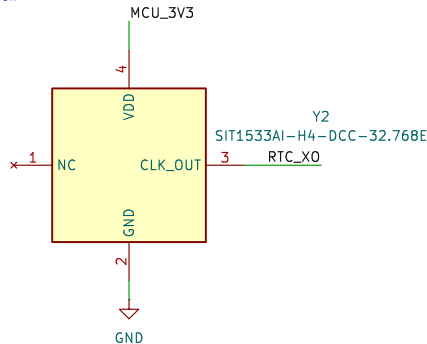
Decoupling and bulk



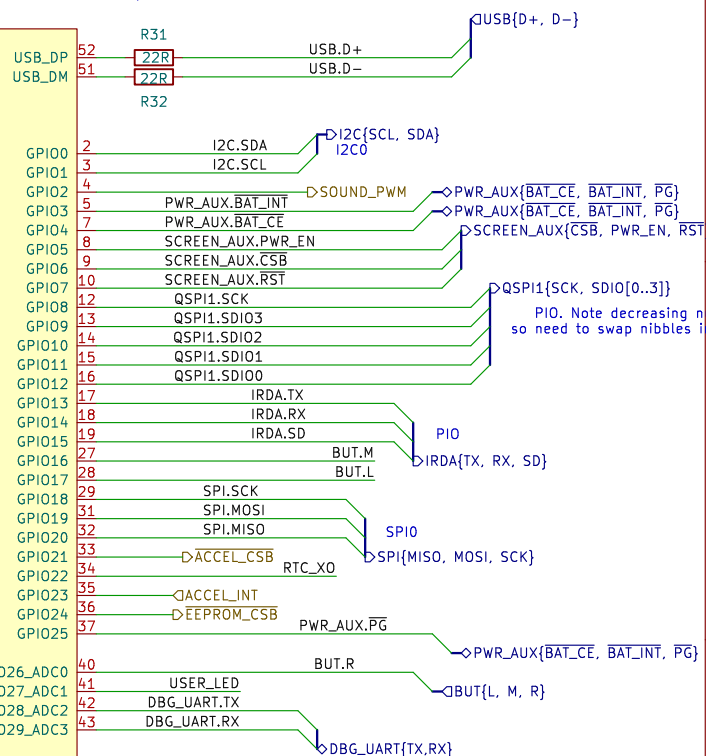
+3.3V



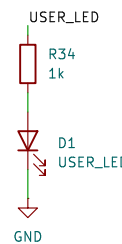
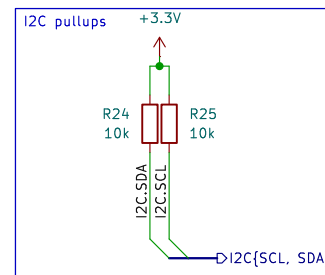
RTC clock



27R ideal, 22R is common value



PIO. Note decreasing numbers, so need to swap nibbles in software.



Sheet: /mcu/
File: mcu_rp2350a.kicad_sch

Title:

Size: A4

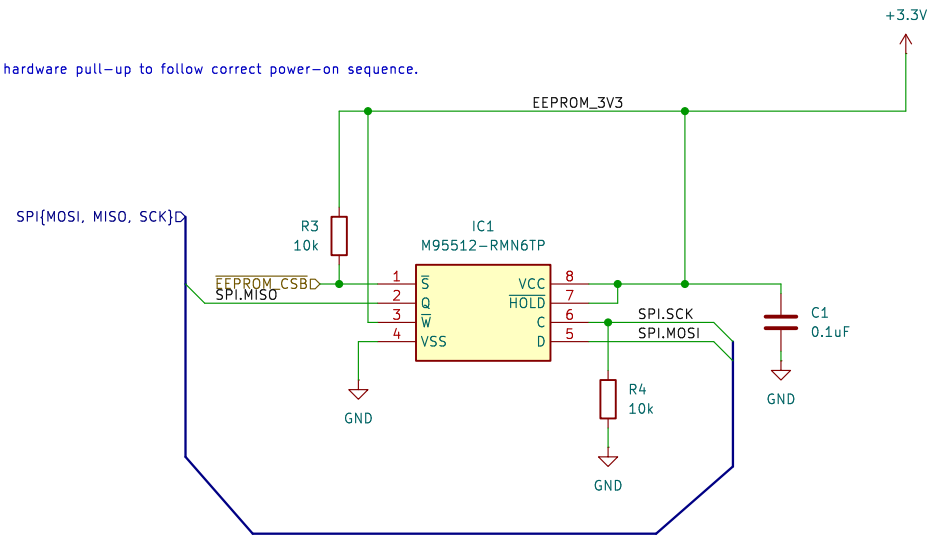
Date:

KiCad E.D.A. 9.0.0

Rev:

Id: 4/11

Needs hardware pull-up to follow correct power-on sequence.



Must be run in SPI 00 mode.
Pull-down may not be needed, but is apparently strongly recommended.

Sheet: /eeprom/
File: eeprom_m95512.kicad_sch

Title:

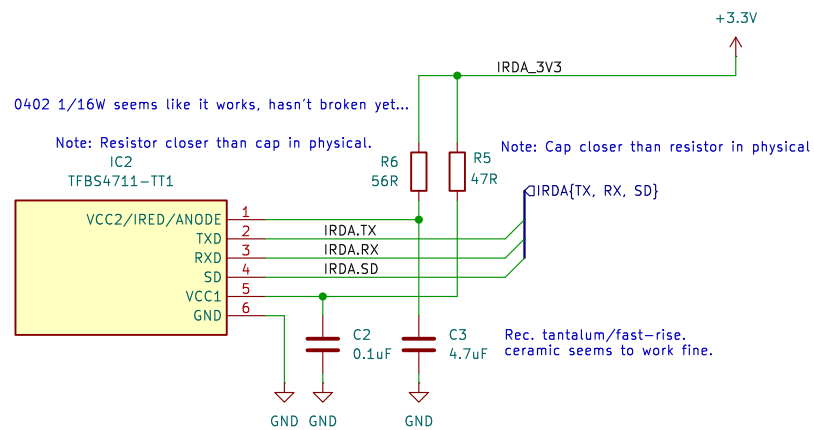
Size: A4

Date:

KiCad E.D.A. 9.0.0

Rev:

Id: 5/11



Sheet: /irda/
File: irda_pio.kicad_sch

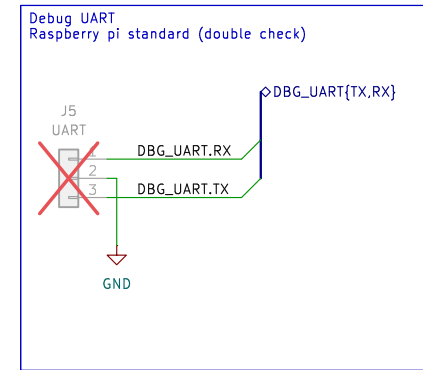
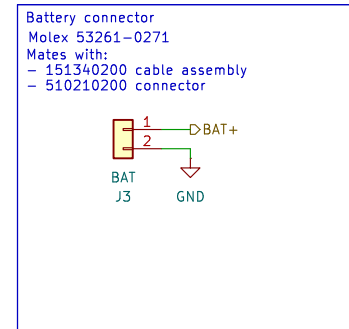
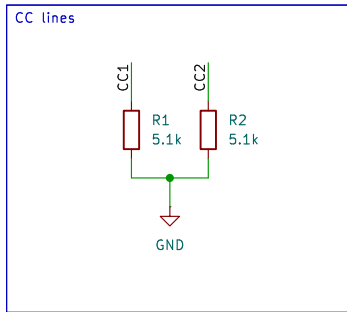
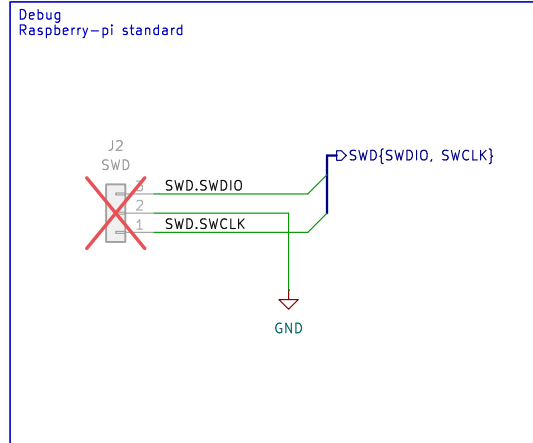
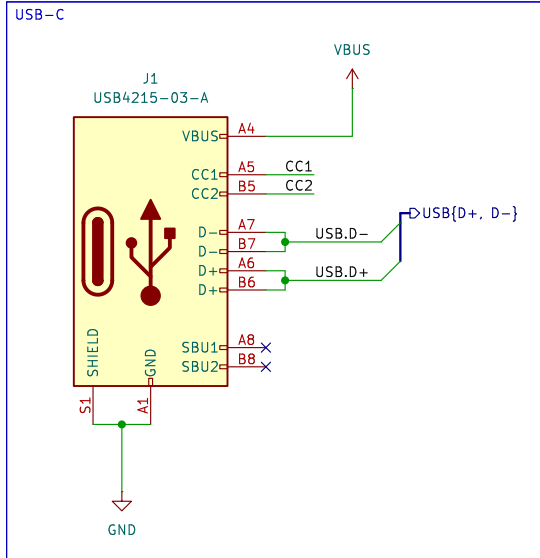
Title:

Size: A4
KiCad E.D.A. 9.0.0

Date:

Rev:
Id: 6/11

Amphenol 12402012E212A is a drop-in replacement and is a little longer.



Sheet: /connectors/
File: connectors.kicad_sch

Title:

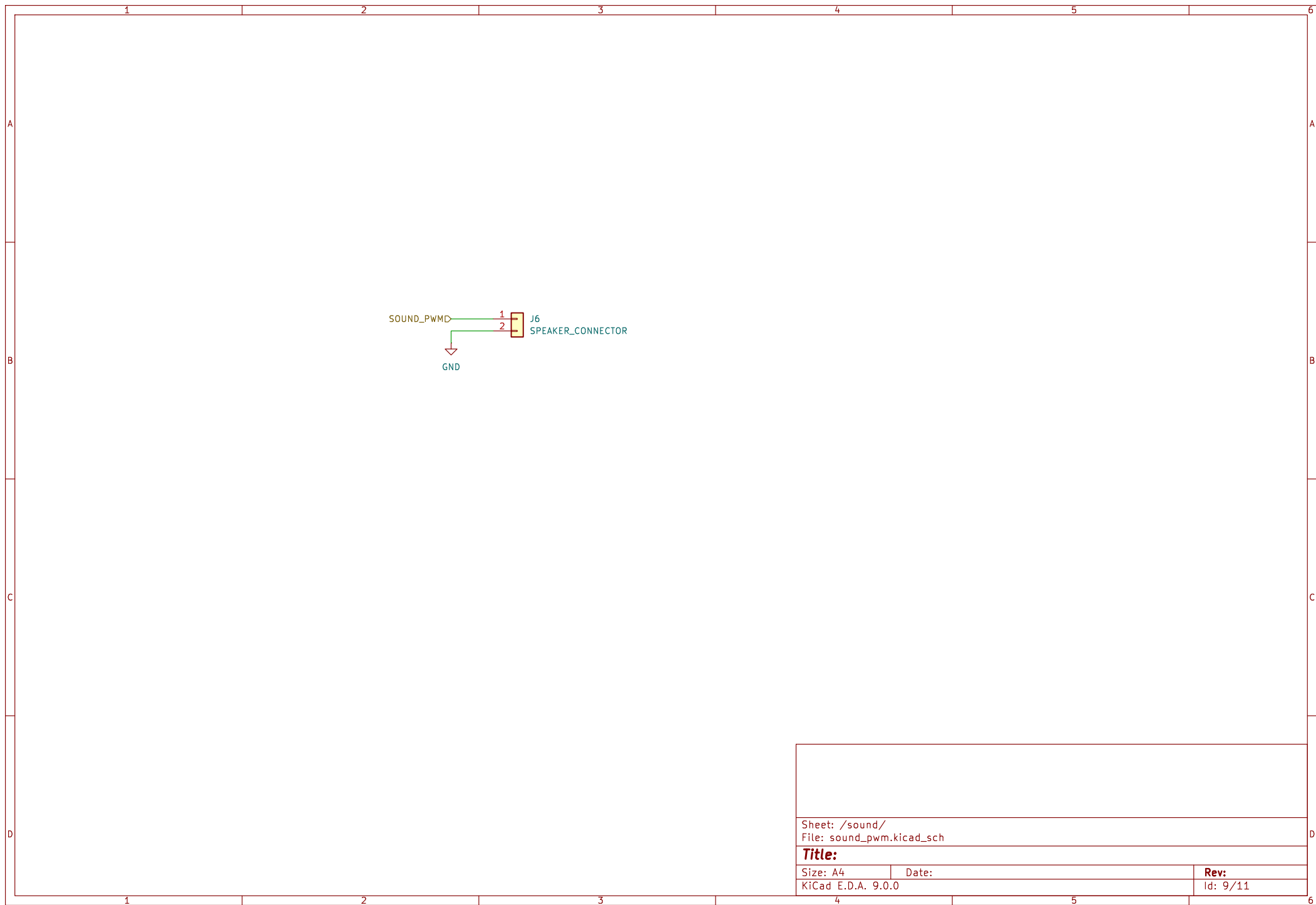
Size: A4

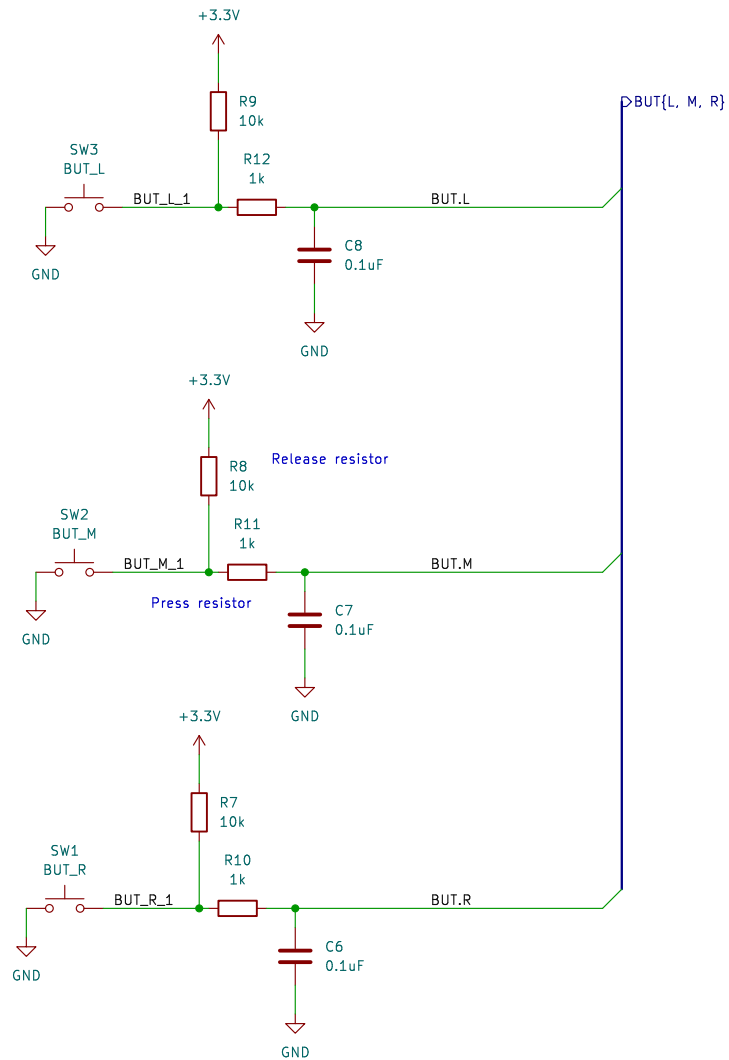
Date:

KiCad E.D.A. 9.0.0

Rev:

Id: 8/11





Sheet: /buttons/
File: buttons_debounce.kicad_sch

Title:

Size: A4
KiCad E.D.A. 9.0.0

Date:

Rev:
Id: 11/11

