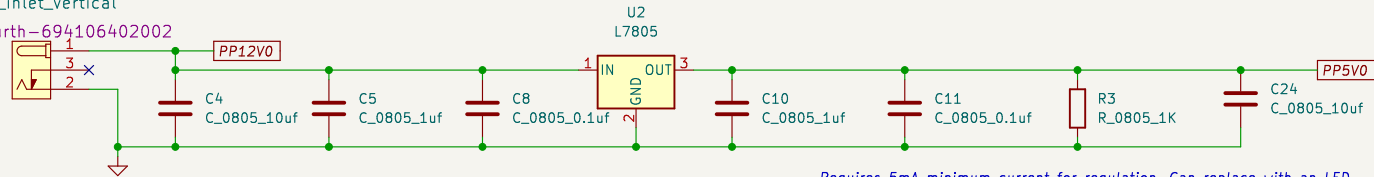


Analog Clock

question: is this a 12v input?

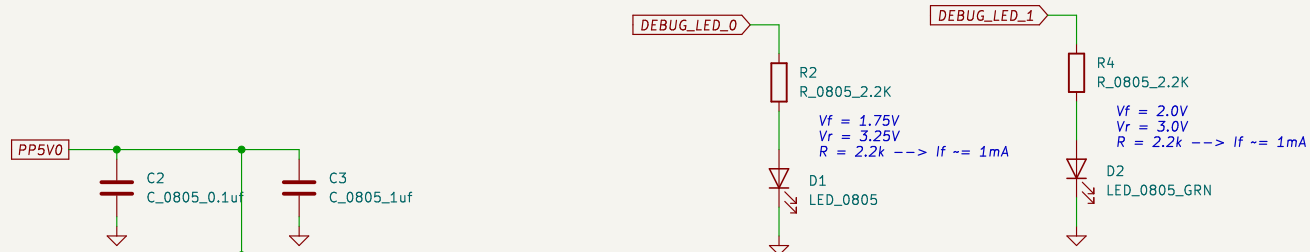
Power_inlet_vertical

footprints:Wurth-694106402002

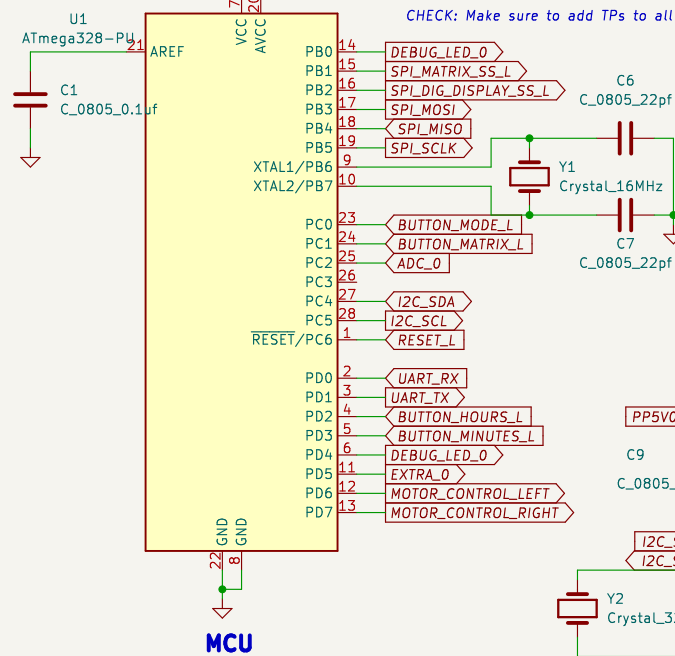


Power

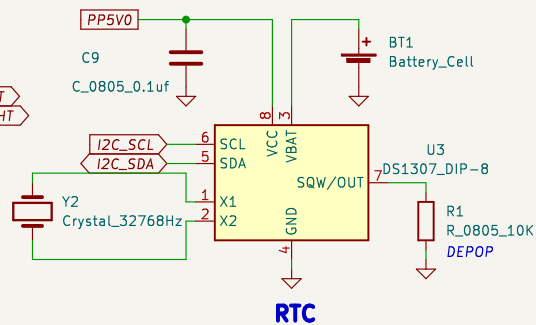
Requires 5mA minimum current for regulation. Can replace with an LED.



CHECK: Make sure to add TPs to all of the disconnected pins!



MCU



RTC

Buttons, Pullups, and Debug

File: buttons_pullups_debug_sheet.kicad_sch

Display and LED Matrix

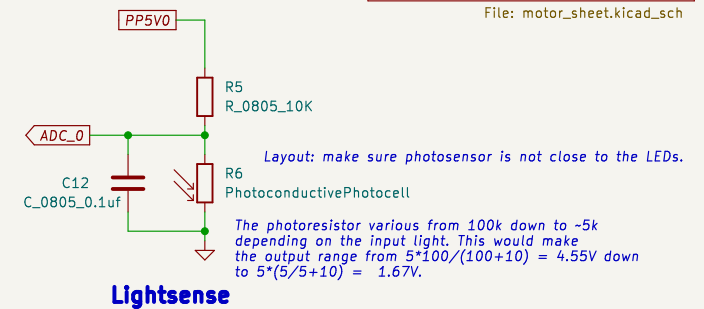
File: display_led_matrix_sheet.kicad_sch

motor

File: motor_sheet.kicad_sch

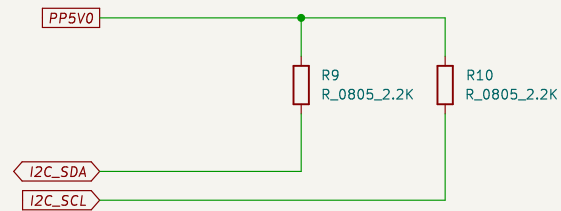
Testpoints

File: testpoints_sheet.kicad_sch

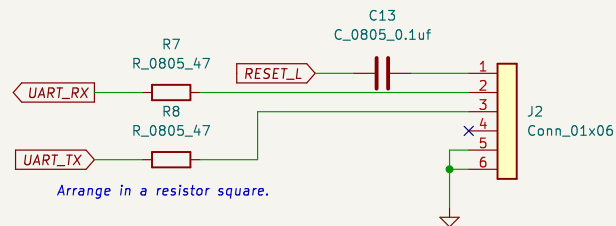


Lightsense

Buttons, Pullups, and Debug

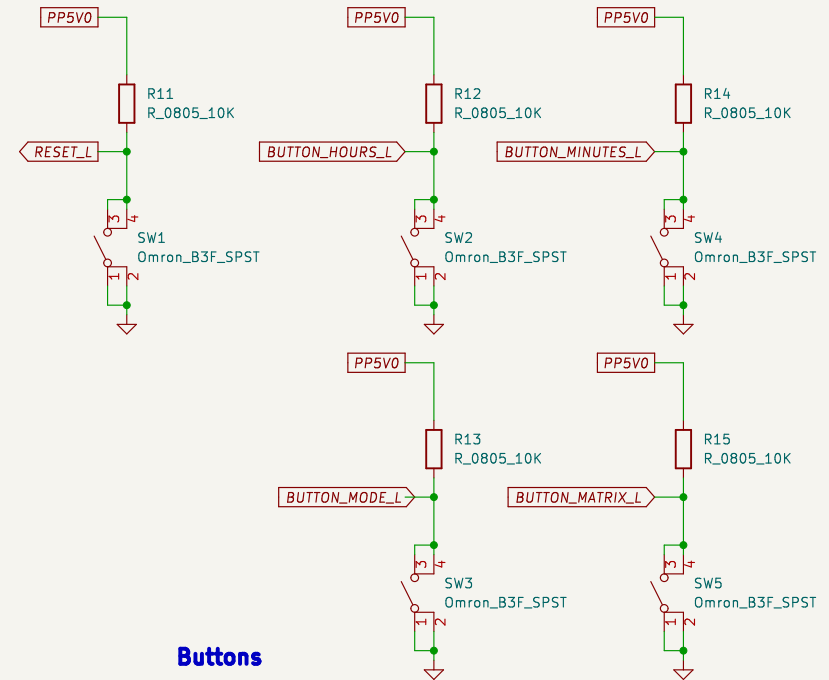


Pullups



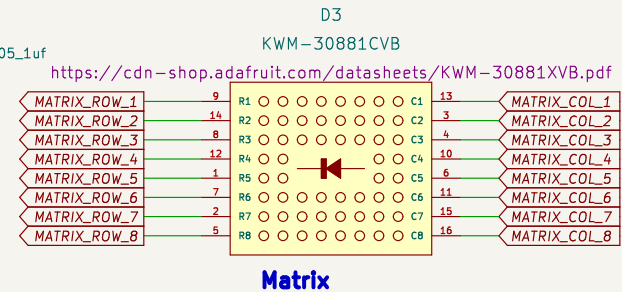
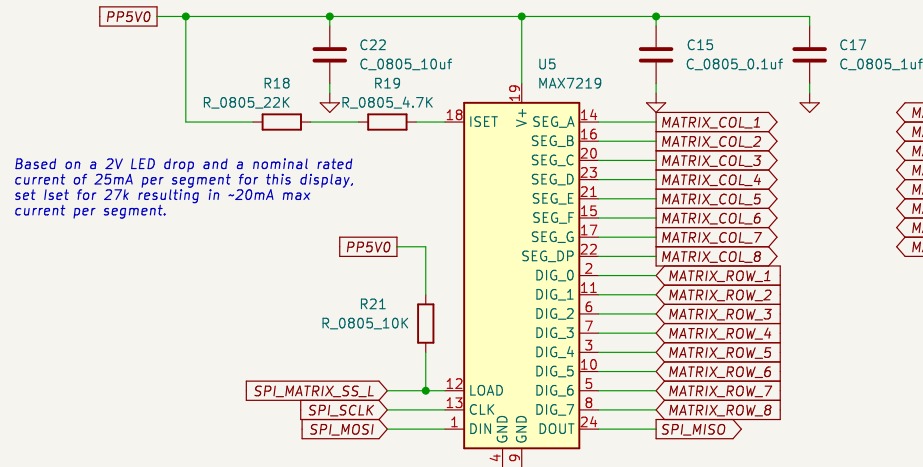
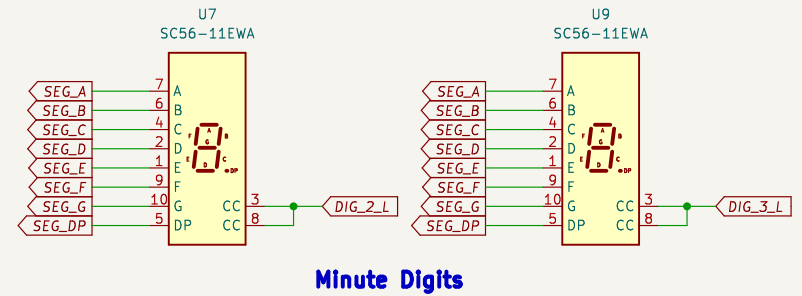
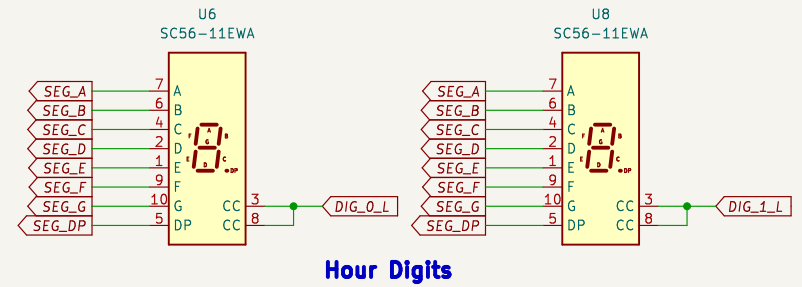
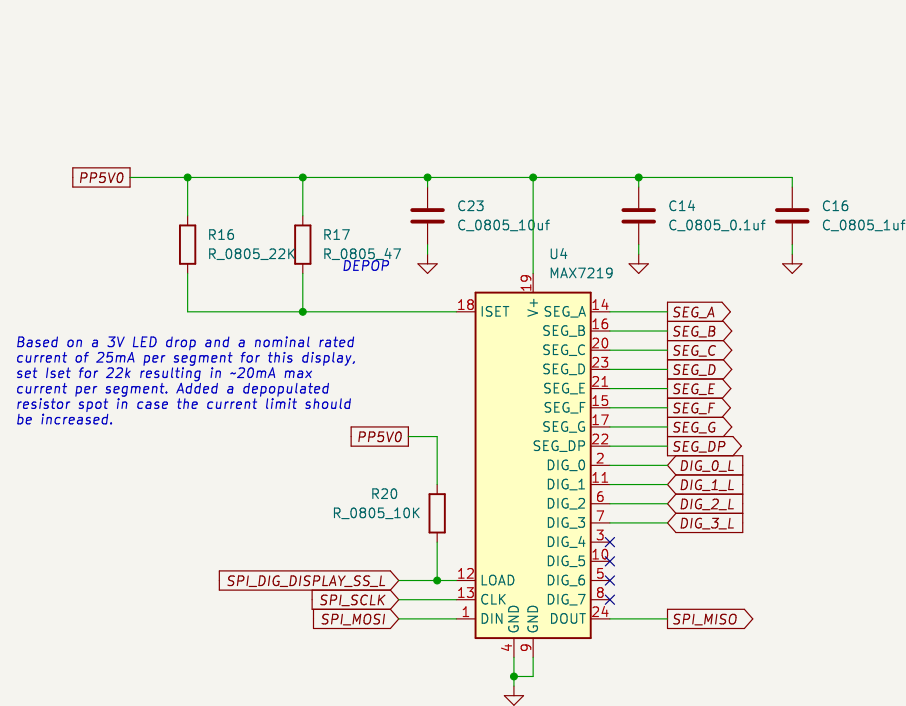
Debug

CHECK: Why does the reset need to be biased? How exactly will we be programming the arduino??



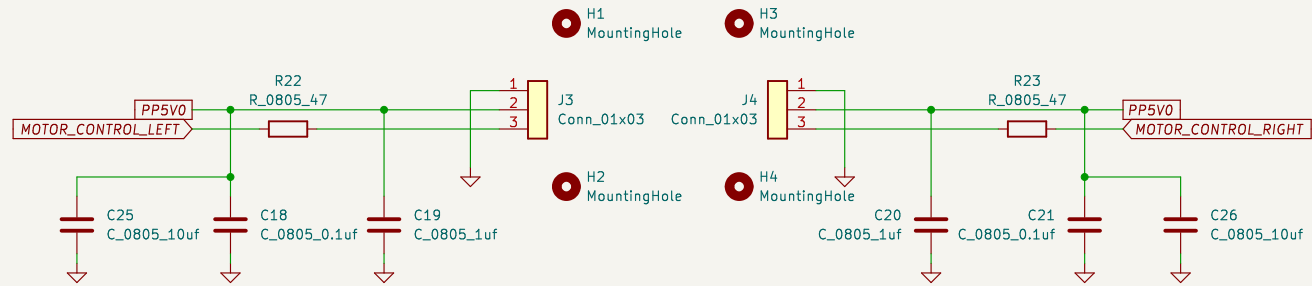
Buttons

Display and LED Matrix



Motor

Layout: Make sure to put mounting holes in correct position under 3 pin connectors.



Layout: Make sure to indicate connector polarity.

Layout: Make sure to indicate connector polarity.

Testpoints

