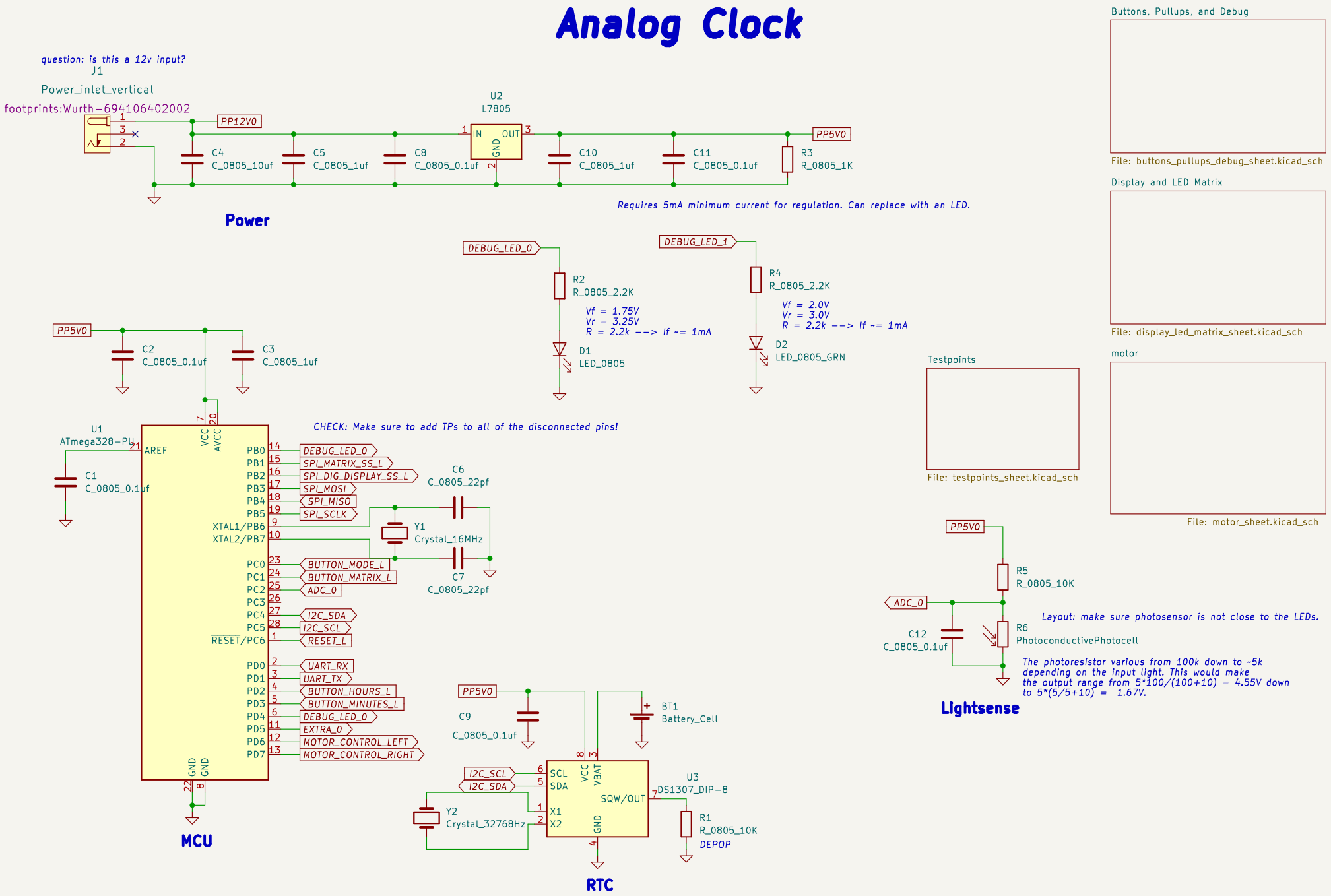
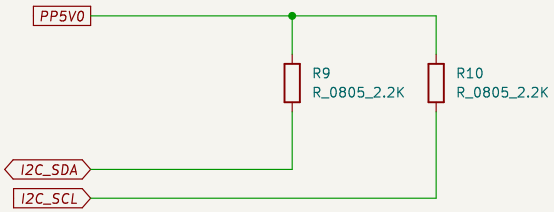
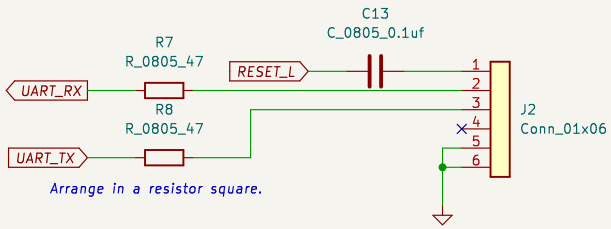
Analog Clock



Buttons, Pullups, and Debug

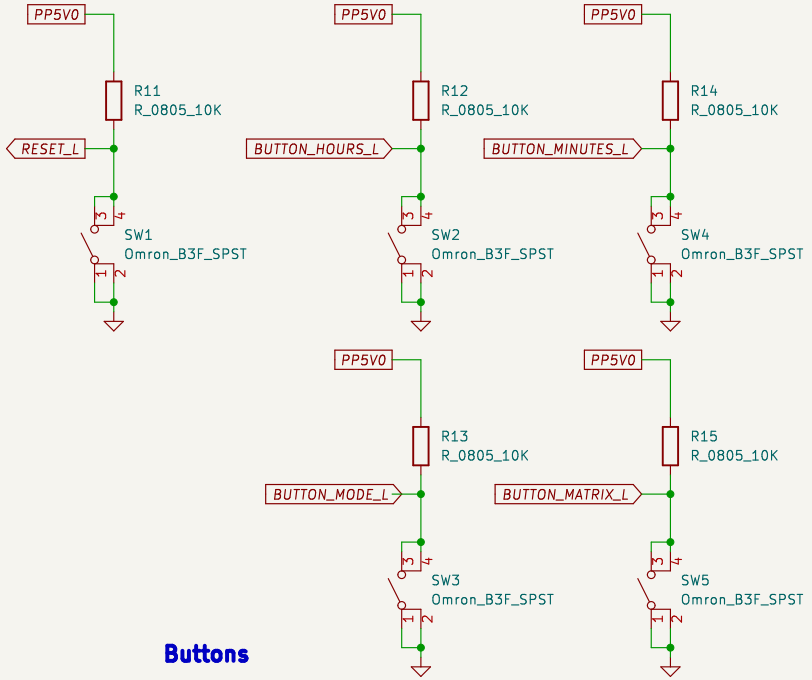


Pullups



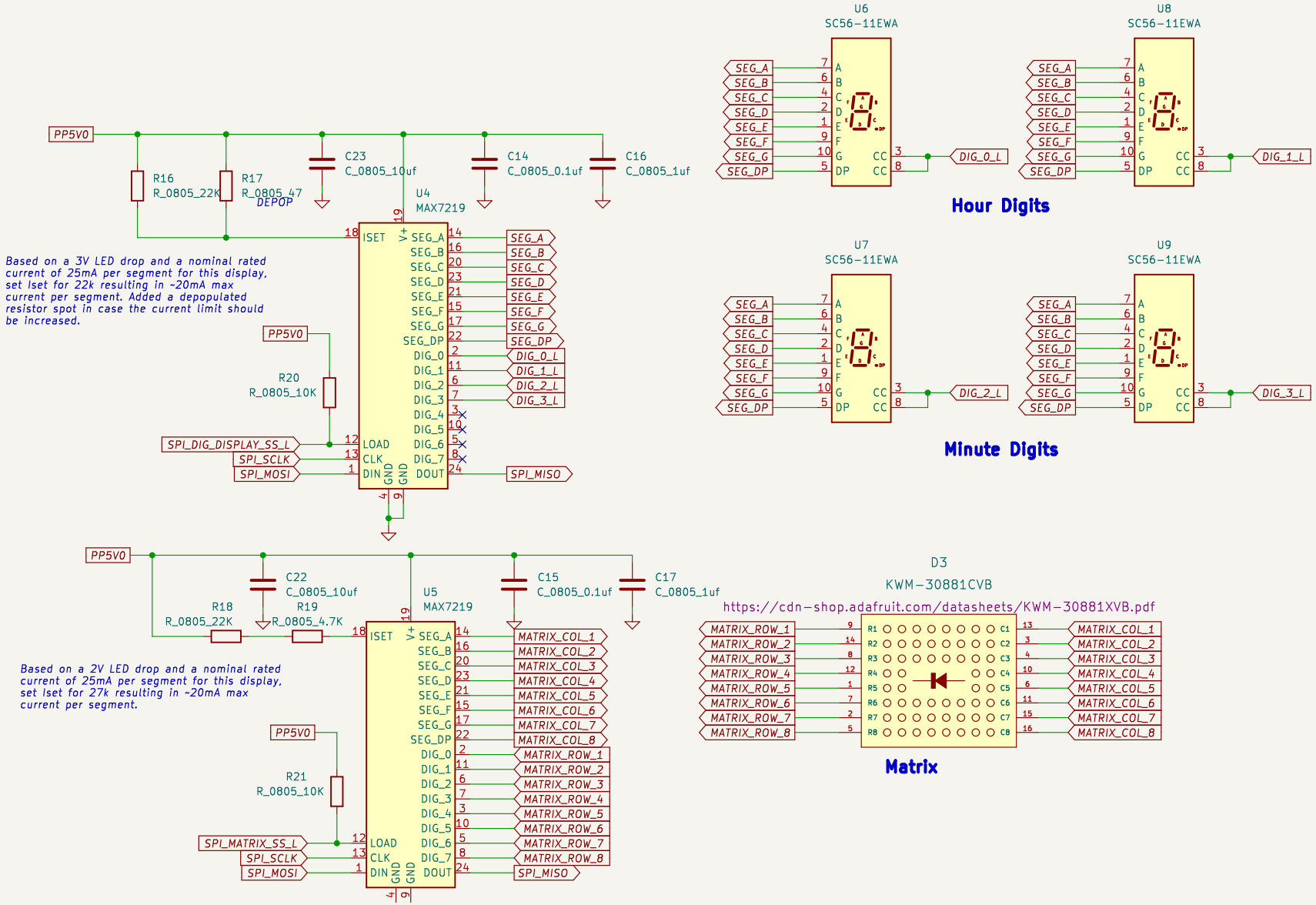
Debug

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



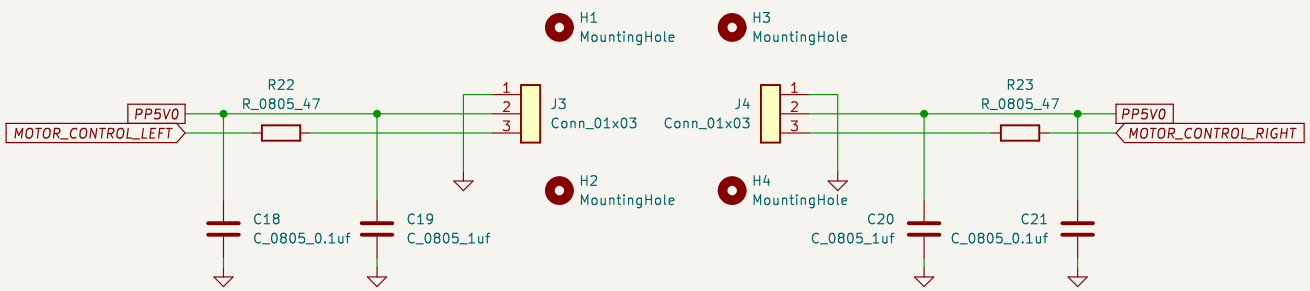
Buttons

Display and LED Matrix



Motor

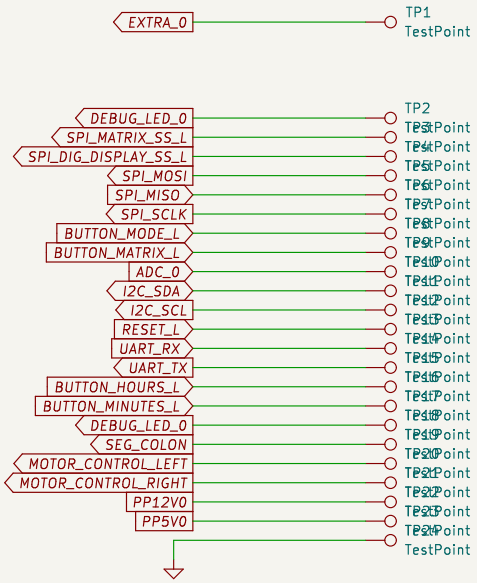
Layout: Make sure to put mounting holes in correct position under 3 pin connectors.



Layout: Make sure to indicate connector polarity.

Layout: Make sure to indicate connector polarity.

Testpoints


EXTRA_0
TP1
TestPoint
DEBUG_LED_0
SPI_MATRIX_SS_L
SPI_DIG_DISPLAY_SS_L
SPI_MOSI
SPI_MISO
SPI_SCLK
BUTTON_MODE_L
BUTTON_MATRIX_L
ADC_0
I2C_SDA
I2C_SCL
RESET_L
UART_RX
UART_TX
BUTTON_HOURS_L
BUTTON_MINUTES_L
DEBUG_LED_0
SEG_COLON
MOTOR_CONTROL_LEFT
MOTOR_CONTROL_RIGHT
PP12V0
PP5V0
TP2
TestPoint