

sudo-junkie

Sheet:
File: Digital_Timer_Switch.kicad_sch

Title: Digital_Timer_Switch

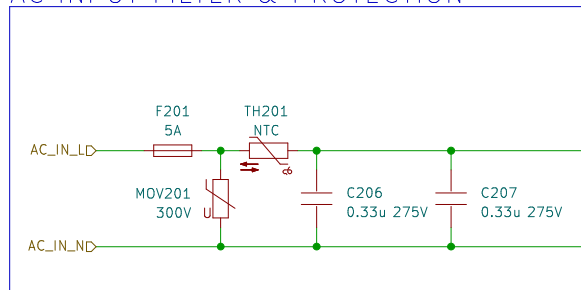
Size: A4 Date: 2023-07-24

KiCad E.D.A. kicad (7.0.0)

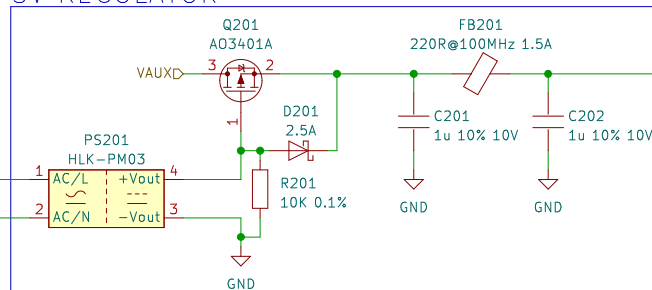
Rev: 1.0

Id: 1/4

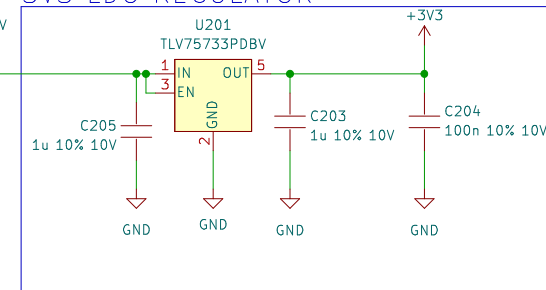
AC INPUT FILTER & PROTECTION



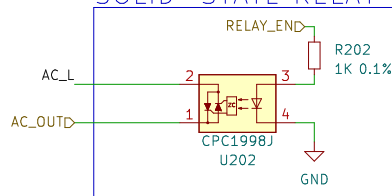
5V REGULATOR



3V3 LDO REGULATOR



SOLID-STATE RELAY



sudo-junkie

Sheet:

File: Digital_Timer_Switch_Power.kicad_sch

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Size: A4

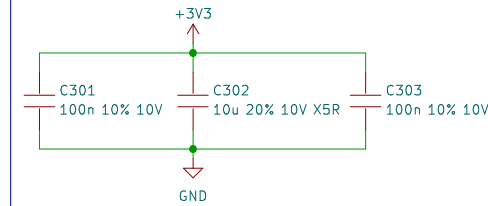
Date: 2023-07-24

Rev: 1.0

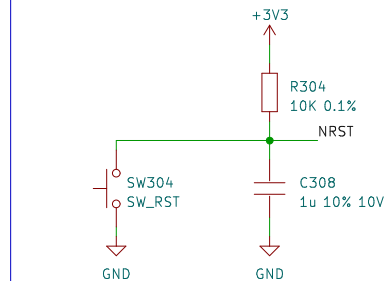
KiCad E.D.A. kicad (7.0.0)

Id: 2/4

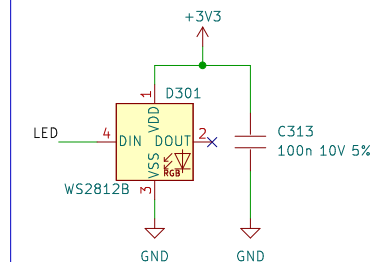
POWER & DECOUPLING



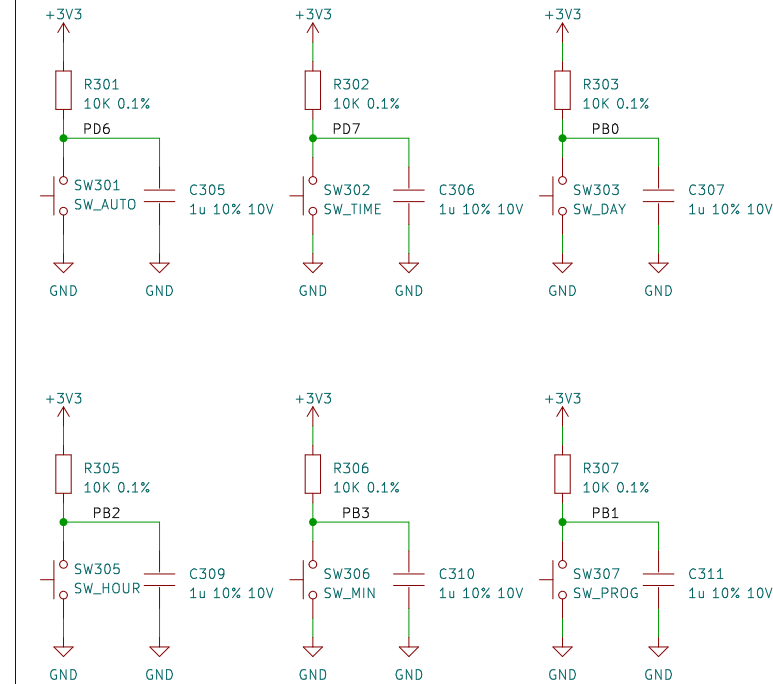
RESET CIRCUIT



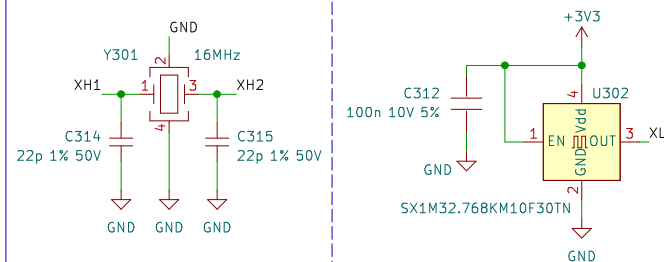
USER LEDS



PUSHBUTTONS



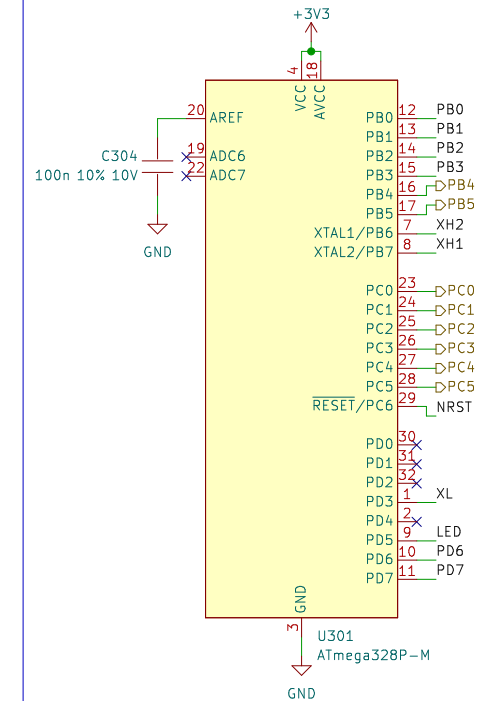
OSCILLATORS



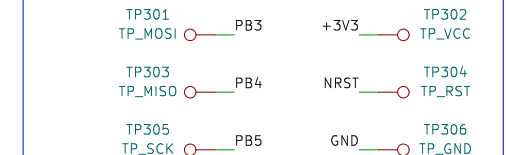
16MHz

32.768KHz

ATMEGA328P



DEBUG TESTPOINTS



sudo-junkie

Sheet:

File: MCU_ATMEGA328P-M.kicad_sch

Title: Digital_Timer_Switch

Size: A4

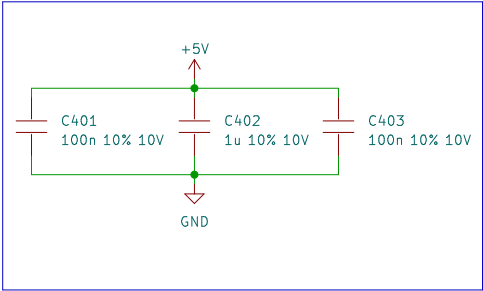
Date: 2023-07-24

KiCad E.D.A. kicad (7.0.0)

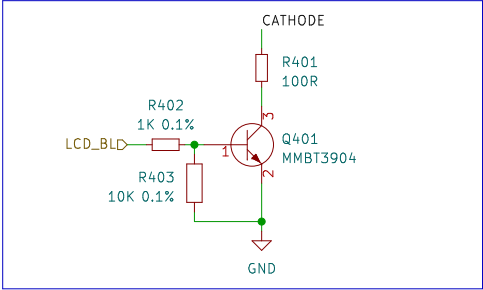
Rev: 1.0

Id: 3/4

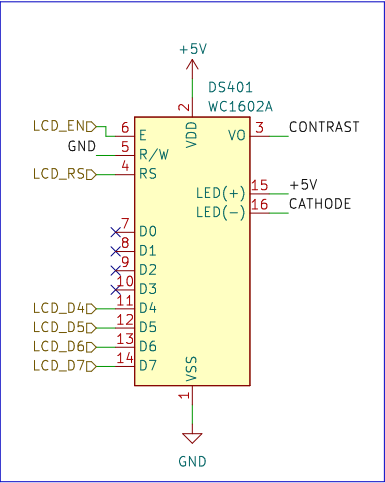
POWER & DECOUPLING



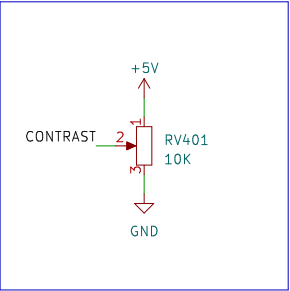
BACKLIGHT DRIVER



LCD 16X2



CONTRAST



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Sheet:
File: MODULE_LCD1602_4BIT.kicad_sch

Title: Digital_Timer_Switch

Size: A4 Date: 2023-07-24
KiCad E.D.A. kicad (7.0.0)

Rev: 1.0
Id: 4/4