

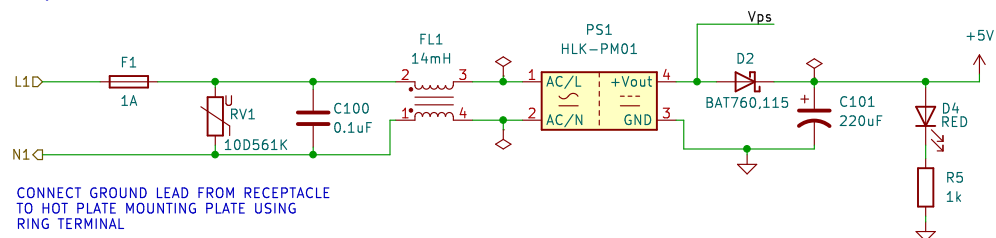
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File: MCU_ATMEGA328P-AU.kicad_sch

Title: ATMega328P-AU

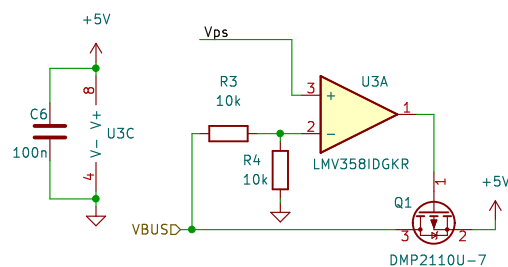
Size: USLetter Date: 2023-01-12
KiCad E.D.A. kicad (6.0.8)

Rev: 1.2
Id: 2/5

AC/DC CONVERTER



SOURCE CONFLICT MGMT



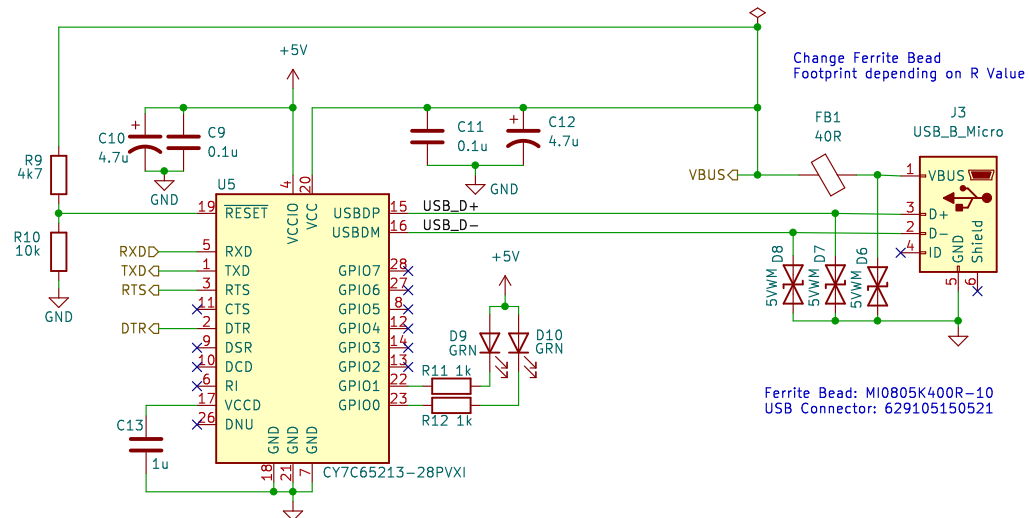
AC SOCKET –
250V / 10A, 3 PIN IEC320 C14 MALE
https://www.amazon.com/dp/B0BCYYNRGP?psc=1&ref=ppx_yo2ov_dt_b_product_details

Sheet: /Power Supply/
File: PS_AC_5V.kicad_sch

Title: Power Supply – 120VAC to 5VDC

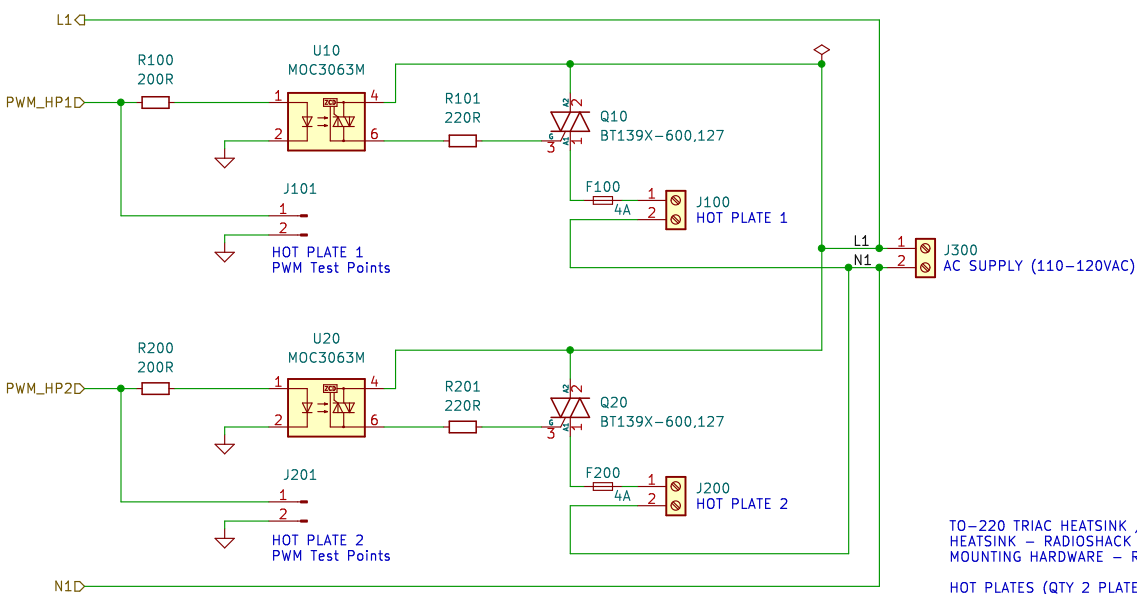
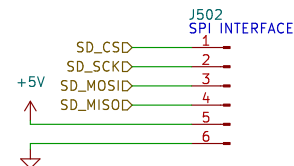
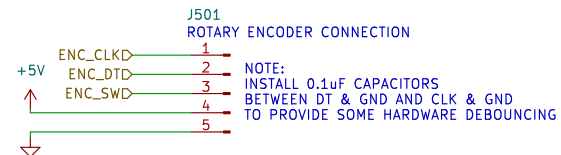
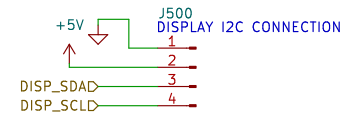
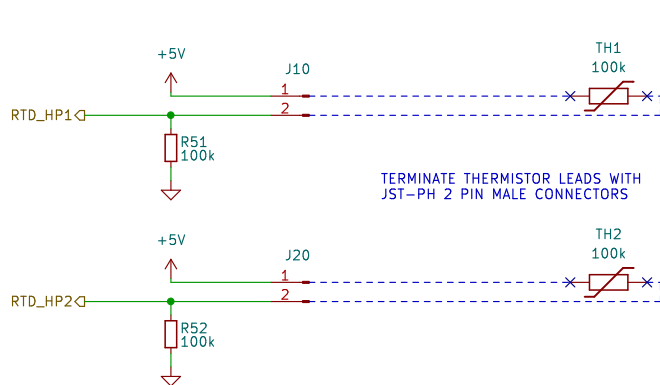
Size: USLetter Date: 2023-01-22
KiCad E.D.A. kicad (6.0.8)

Rev: 1.0
Id: 3/5



CONFIGURE CY7C65213-28PVXI USING
 USB-UART CONFIG UTILITY
<https://www.infineon.com/cms/en/design-support/tools/configuration/usb-uart-config-utility/>

Sheet: /USB-UART Interface/ File: USB-UART_(Cypress).kicad_sch		
Title: USB-UART Interface (Cypress/Infineon CY7C65213-28PVXI)		
Size: USLetter	Date: 2022-11-09	Rev: 1.1
KiCad E.D.A. kicad (6.0.8)	Id: 4/5	



TO-220 TRIAC HEATSINK / HARDWARE:
HEATSINK - RADIOSHACK 2761368
MOUNTING HARDWARE - RADIOSHACK 2761373

HOT PLATES (QTY 2 PLATES REQ'D):
https://www.amazon.com/gp/product/B08BGCKD5C/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1

ROTARY ENCODER MODULE:
https://www.amazon.com/gp/product/B07F26CT6B/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1

OLED SCREEN (SSD1106 VERSION):
https://www.amazon.com/gp/product/B08V97FYD2/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1

Sheet: /Hot Plate Circuits/
File: Hot_Plate_Circuit.kicad_sch

Title: Hot Plate Circuits

Size: USLetter Date: 2023-03-17
KiCad E.D.A. kicad (6.0.8)

Rev: 1.1
Id: 5/5