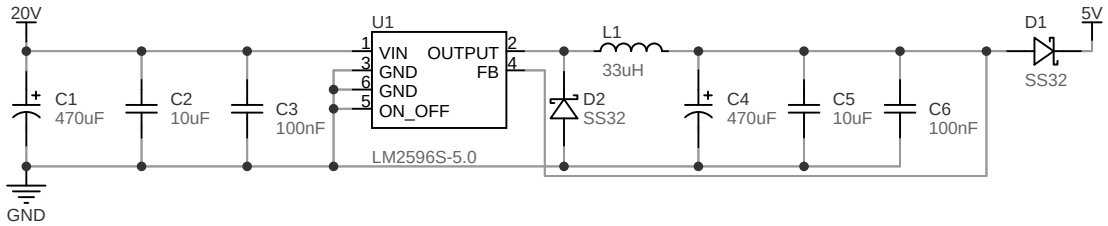
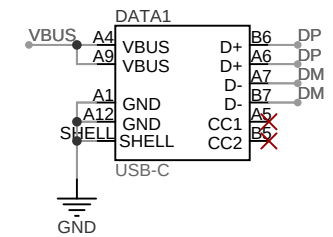
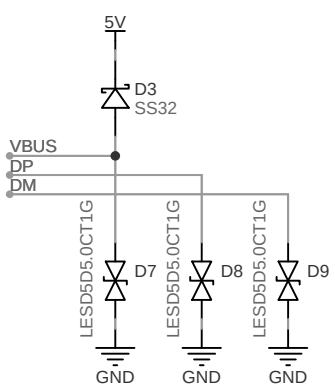
20V-5V Step-down

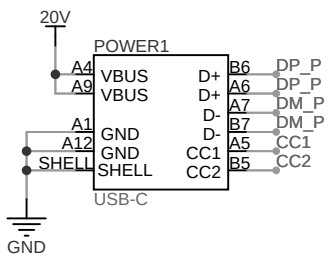


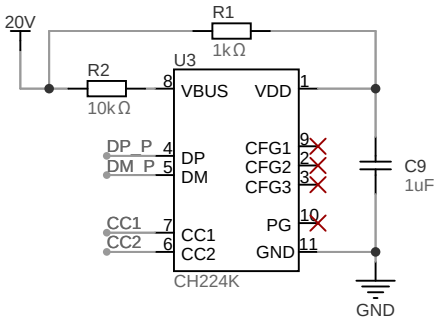
USBC-Data

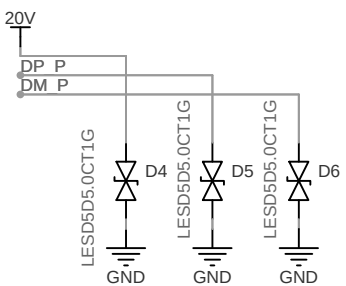




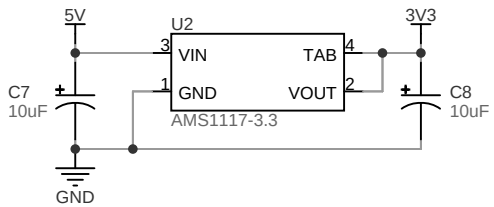
USBC-PD Trigger logic



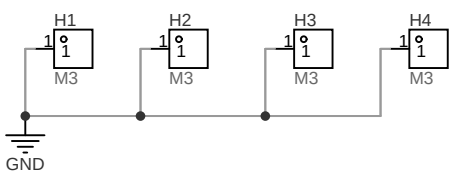




5V-3.3V Voltage Regulator

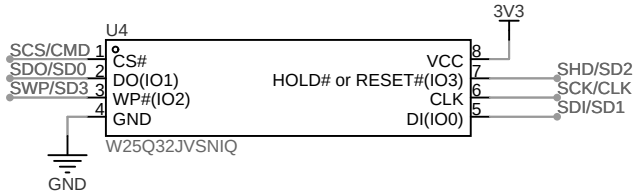


Holes

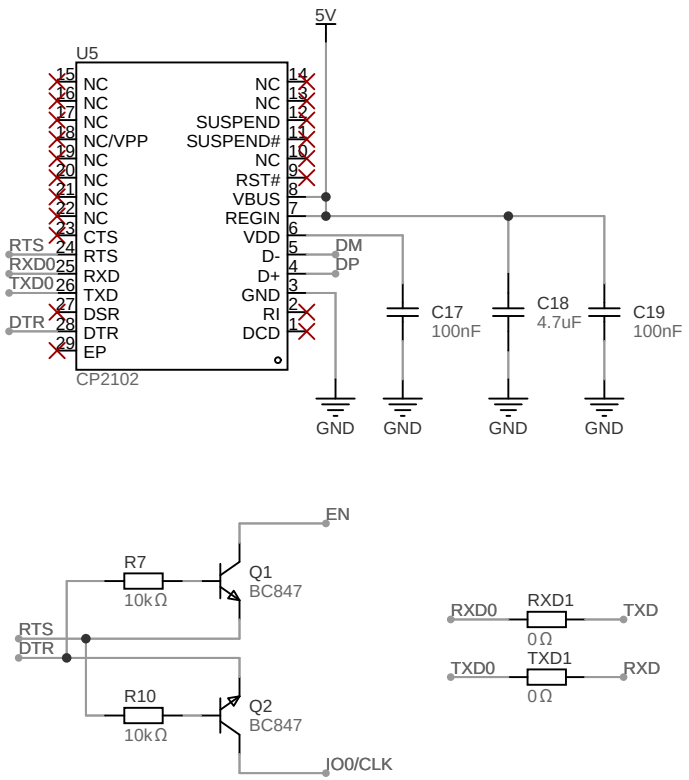


Schematic	Soldering_iron	Create at	2025-01-17
		Update at	2025-02-08
Board	Soldering_iron	Page	Power
Drawn		Soldering_iron	
Reviewed			
		Version	Size
EasyEDA		V1.0	A4
		Page 1 Total 3	
		EasyEDA.com	

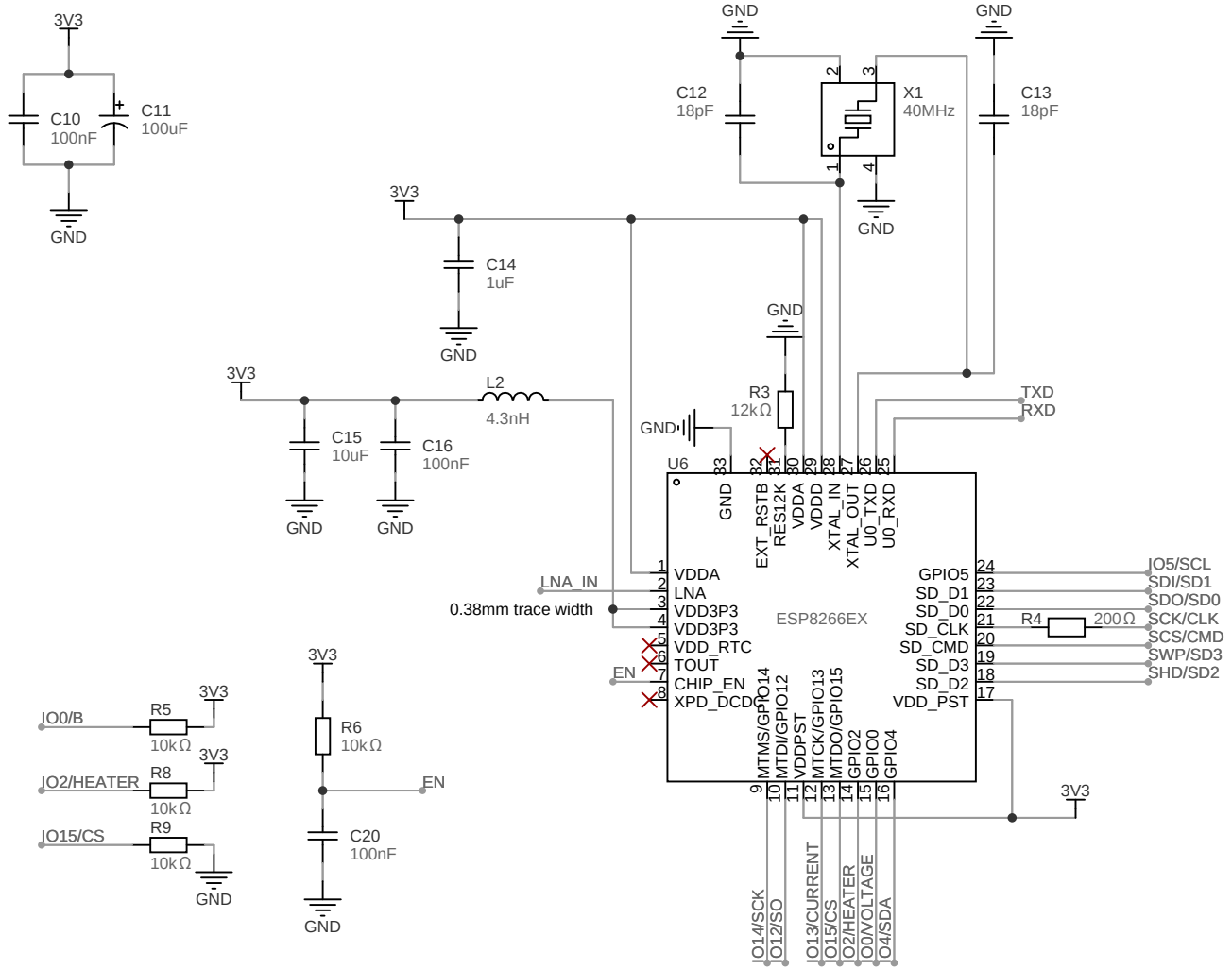
SPI Memory



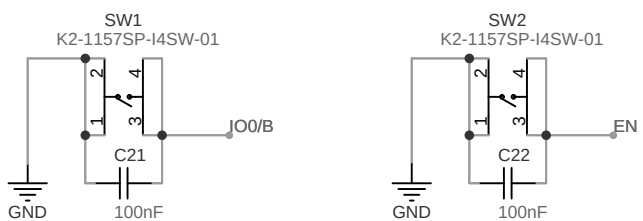
USB-UART Bridge



ESP8266EX Chip

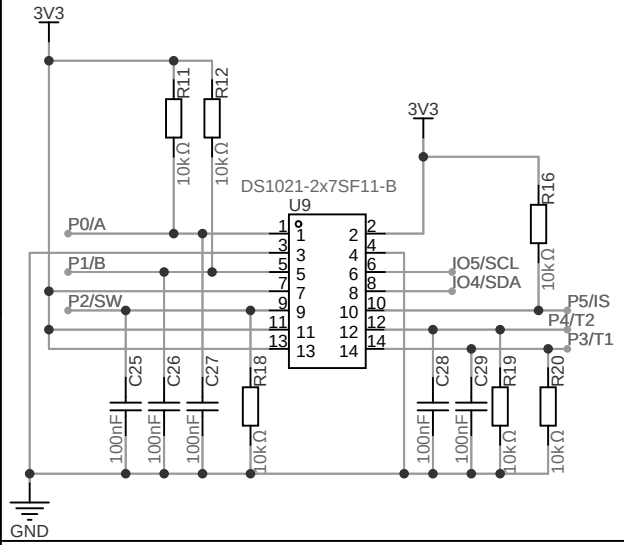


Switch buttons

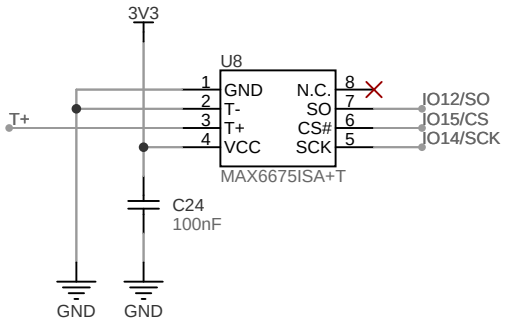


Schematic	Soldering_iron	Create at	2025-01-29
		Update at	2025-02-08
Board	Soldering_iron	Page	MCU
Drawn		Soldering_iron	
Reviewed			
		Version	Size	Page 2 Total 3
EasyEDA		V1.0	A4	EasyEDA.com

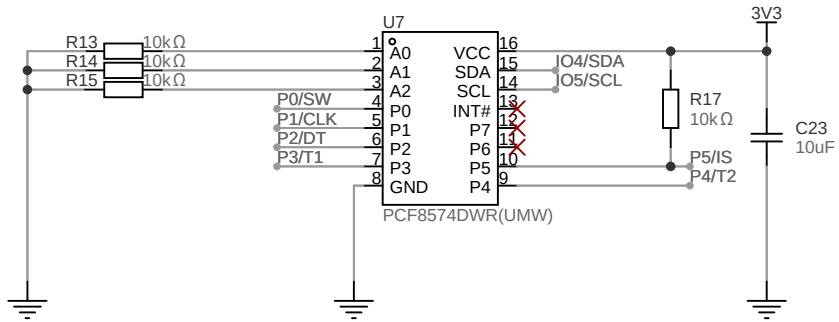
Rotary encoder & OLED-Display



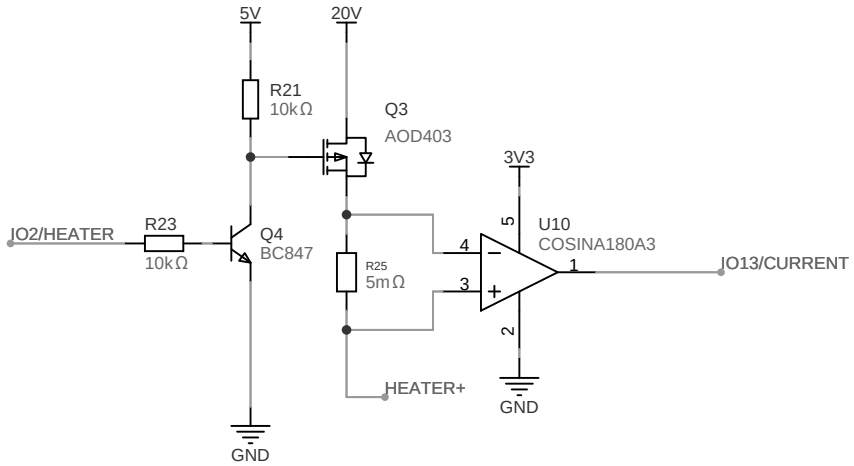
Thermocouple ADC



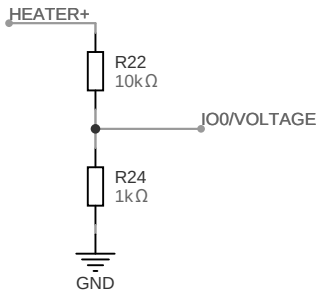
GPIO-Expander



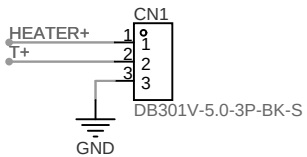
Heater controll + current sense



Voltage Control



Soldering iron connector



Schematic	Soldering_iron	Create at	2025-02-04
		Update at	2025-02-08
Board	Soldering_iron	Page	Controll
Drawn		Soldering_iron	
Reviewed			
		Version	Size / Page 3 Total 3
EasyEDA		V1.0	A4 / EasyEDA.com