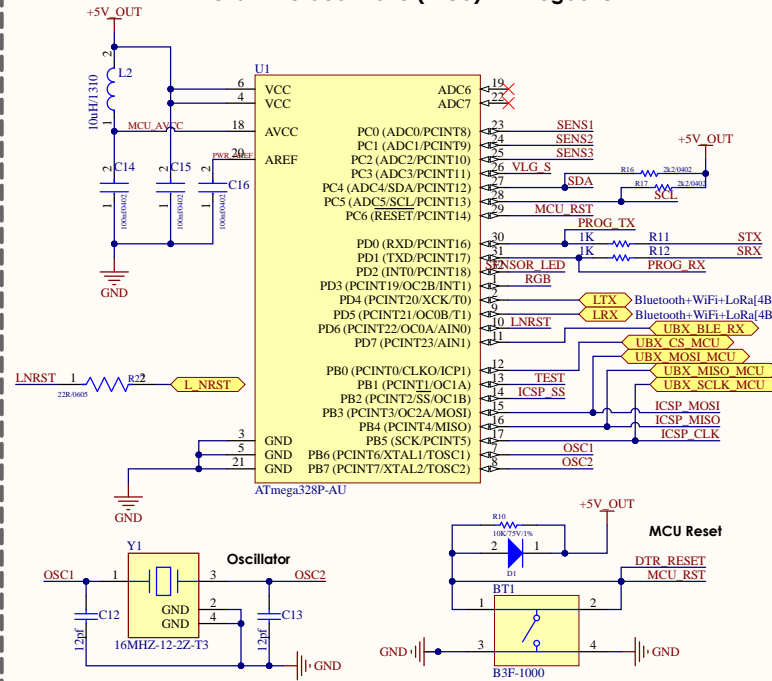
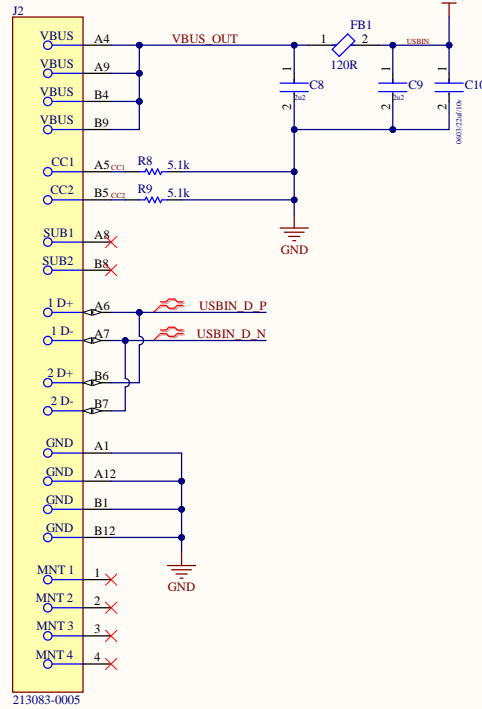


IoT Energy Monitoring

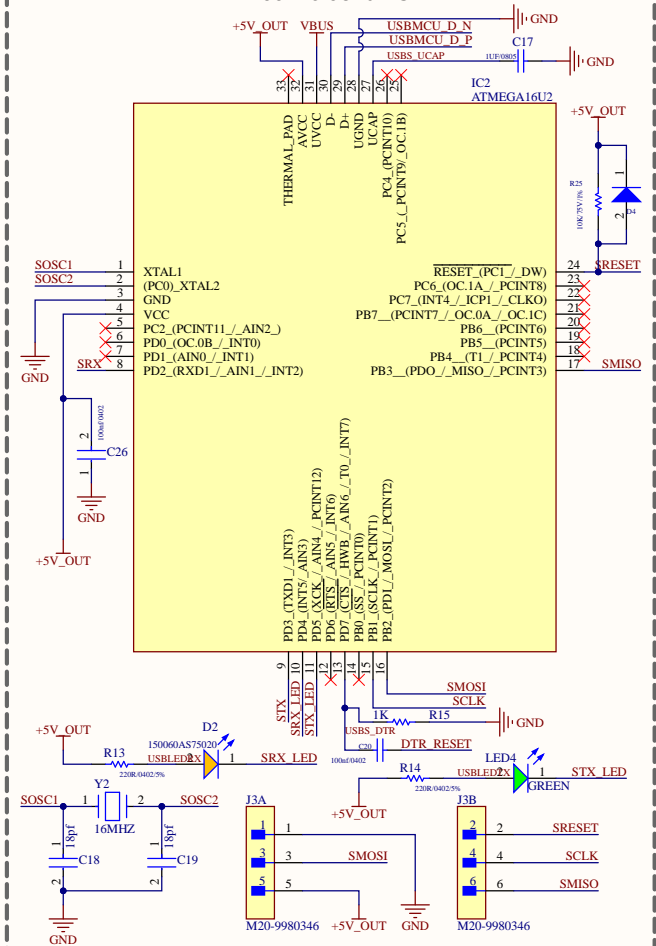
8-bit Microcontroller(MCU)- Atmega328P



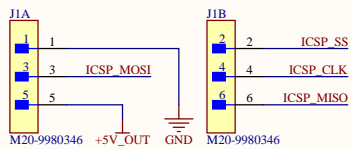
USB-Type-C (With ESD Protection)



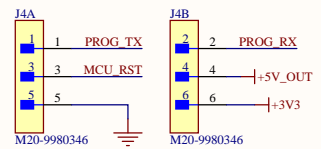
USB to Serial IC



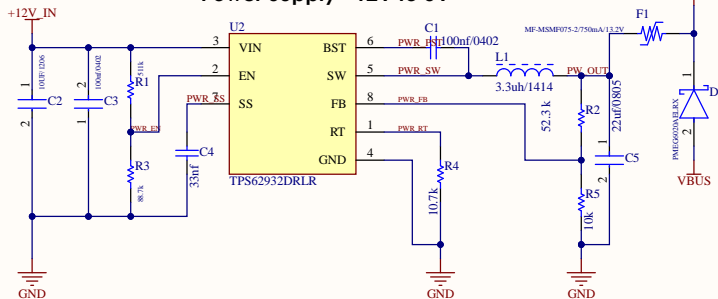
ICSP Header for 328P



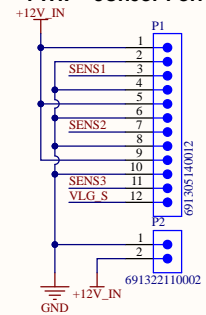
UART Programming



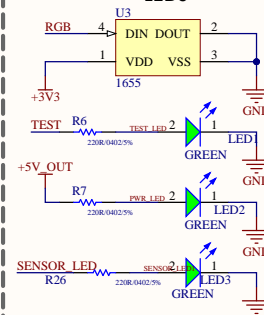
Power Supply +12V to 5V



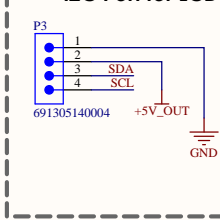
PWR + Sensor Port



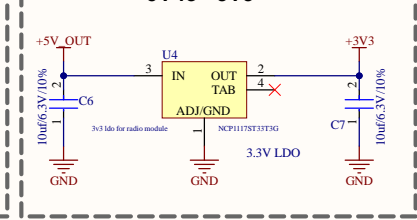
LEDs



I2C Port for LCD

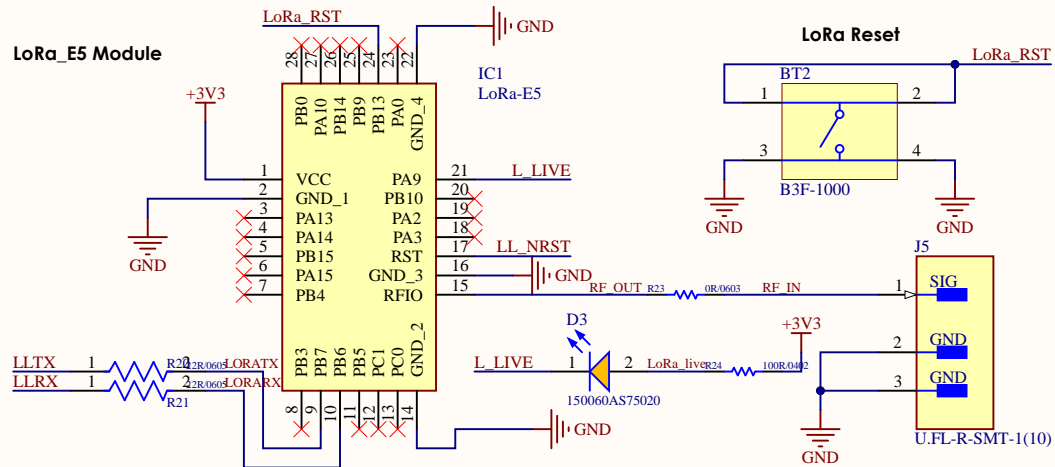
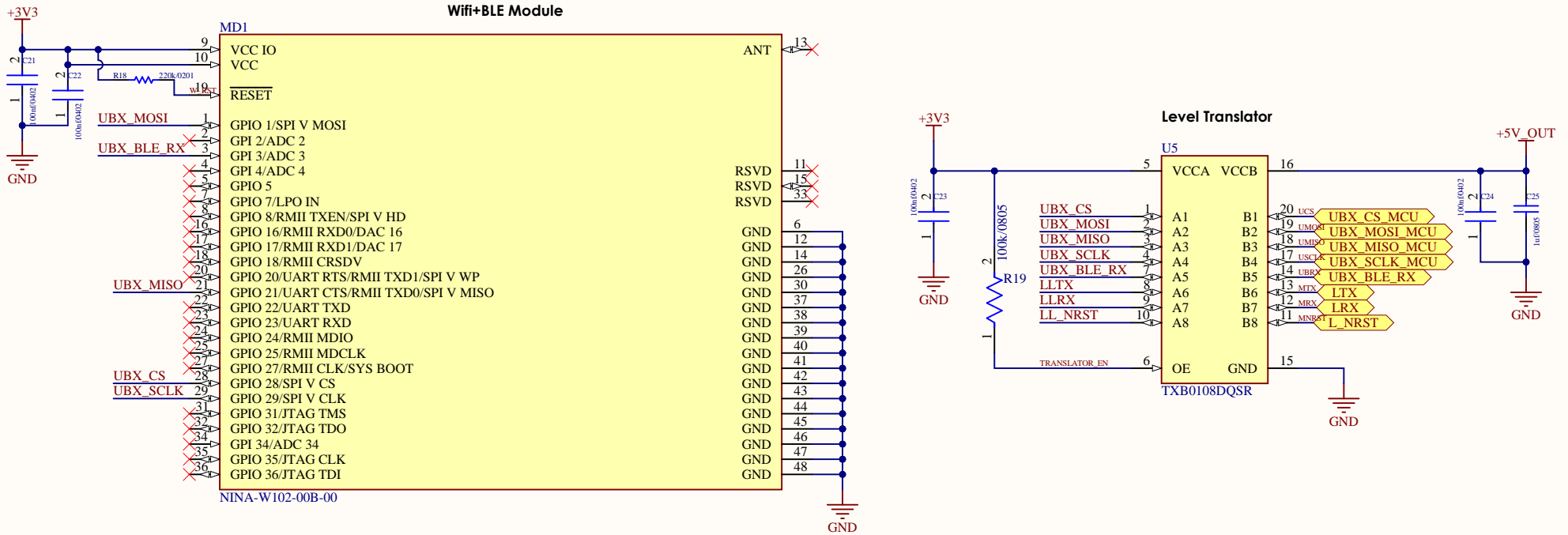


+5V to +3V3



Title		
Energy Monitoring		
Size	Number	Revision
A3		Version 1.0
Date:	11/12/2024	Sheet of 2 of 2
File:	C:\Users\...MCU+PWR+USB+SPORTS\...	Drawn By: Oluwofemi Orealuwa

IoT Energy Monitoring



<div> <div>Title</div> <div>Energy Monitoring</div> </div>		
<div>Size</div> <div>A4</div>	<div>Number</div>	<div>Revision</div> <div>Version 1.0</div>
<div>Date:</div> <div>11/12/2024</div>	<div>Sheet of</div> <div>2 of 2</div>	<div>File:</div> <div>C:\Users\...Bluetooth+WiFi+LoRa.SchDoc</div>
<div>Drawn By:</div> <div>Oluwafemi Oreoluwa</div>		

