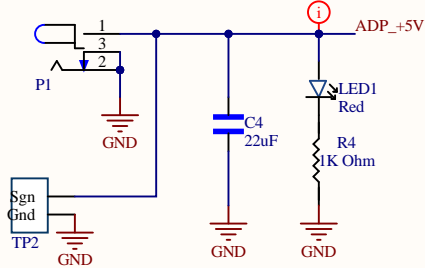
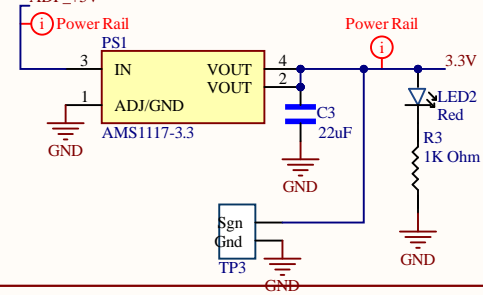


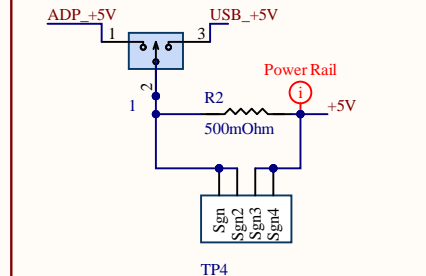
Power Circuit



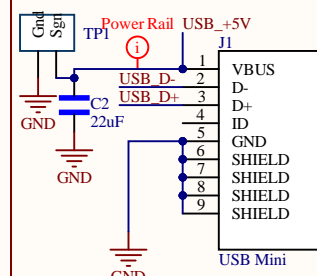
5V to 3.3V Conversion



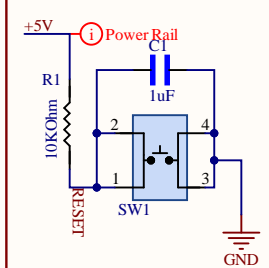
Power Selection & In-rush Current



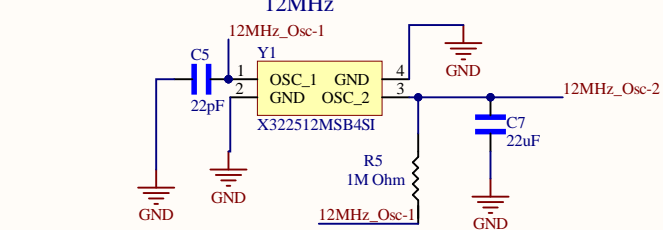
USB Mini Connector



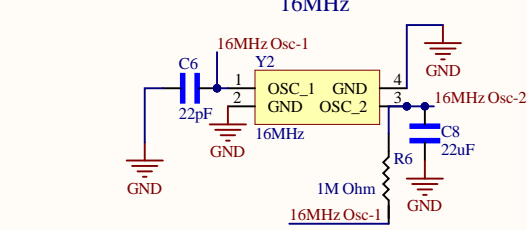
RESET Circuit



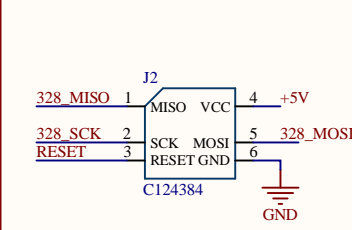
Crystal Oscillator



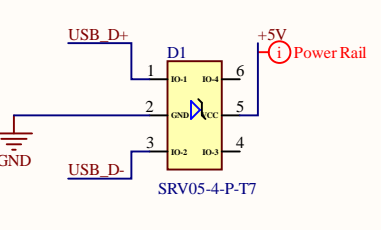
16MHz



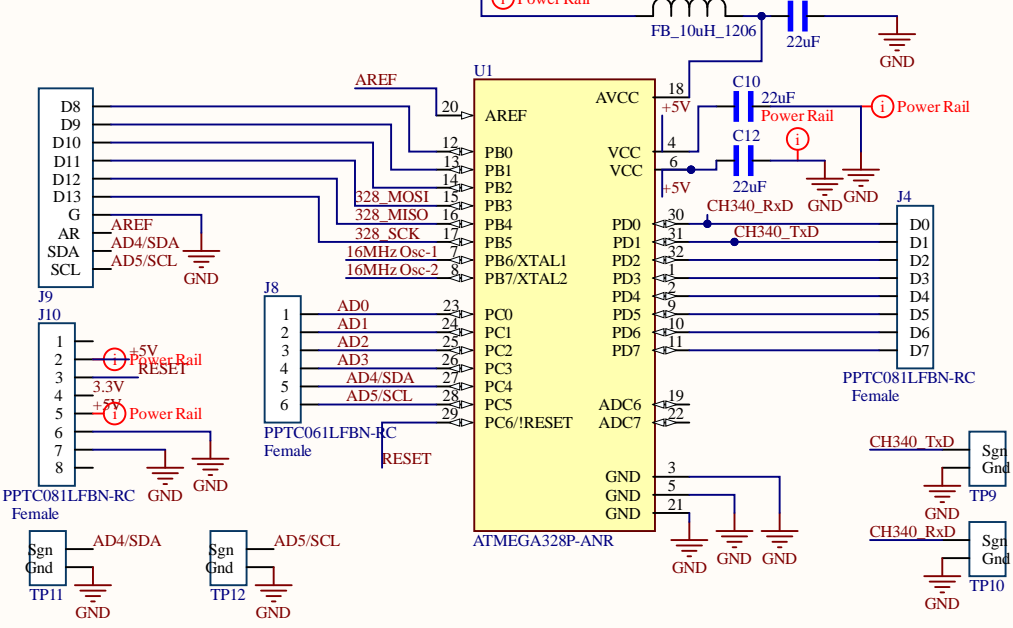
Bootloader Connector (ICSP)



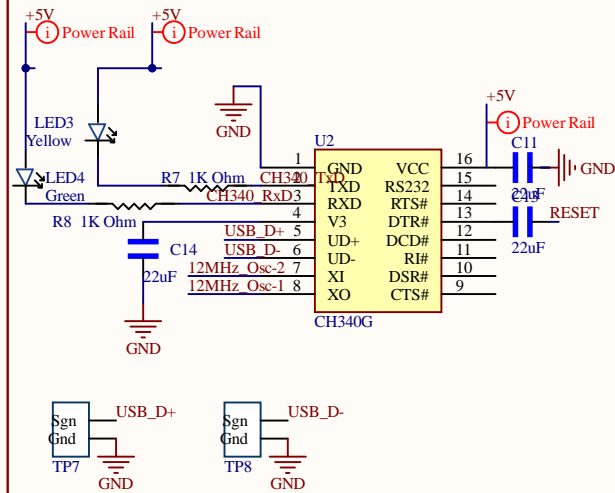
ESD Protection (TVS Ckt)



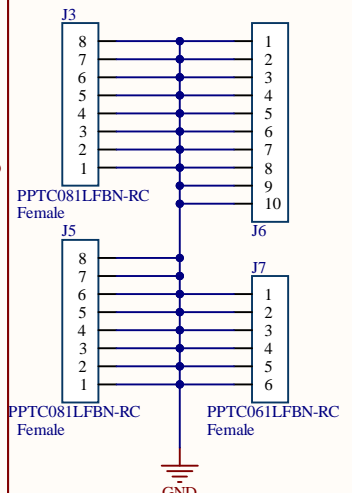
ATmega328P Microcontroller



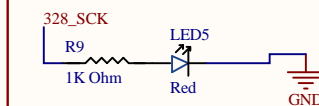
USB to Serial Communication



Extra Ground Pins



SCL Indicator



Golden Arduino

Title	Size	Number	Revision
Golden Arduino	A4	1	1.0
Date:	3/09/2023	Sheet of	
File:	C:\Users\...\Golden_arduino Updated.Sch	Drawn By:	Vaishnavi Patekar

