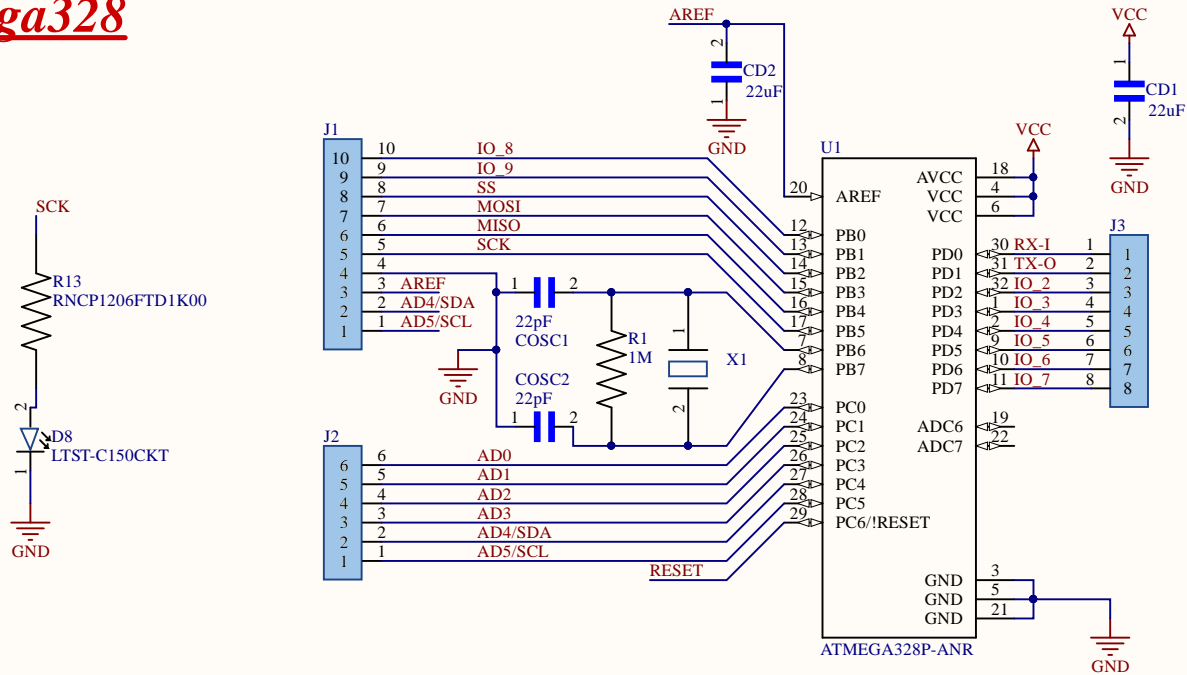
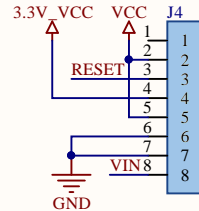
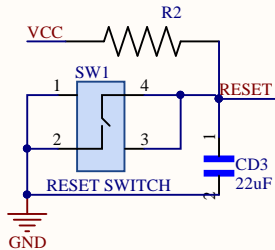


Atmega328

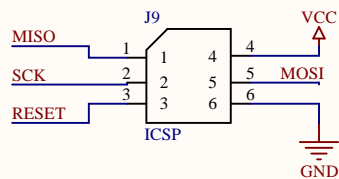
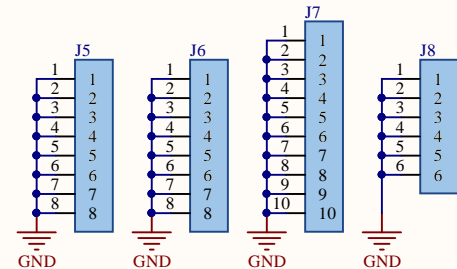


Note : All resistors are of 1K

Reset Network



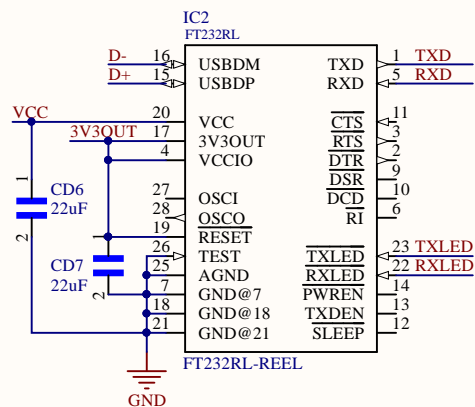
Return Pins



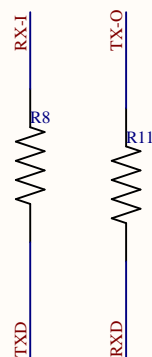
Title		Team 08 : Gully Gang Boys	
Arduino-UNO / Atmega328			
Size	Number	Revision	
A	1	02	
Date:	11/11/2019	Sheet 1	of 3
File:	C:\Users\...\Atmega328.SchDoc	Drawn By: Shubham Bhosale & Chinmay Patil	

FTDI Chip (USB-Serial Converter)

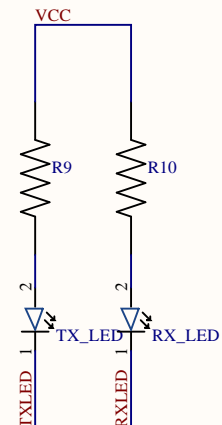
FTDI CHIP



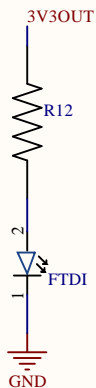
RXD/TXD



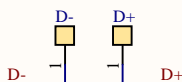
RX/TX LED



LED Indicator to check proper working of FTDI Chip

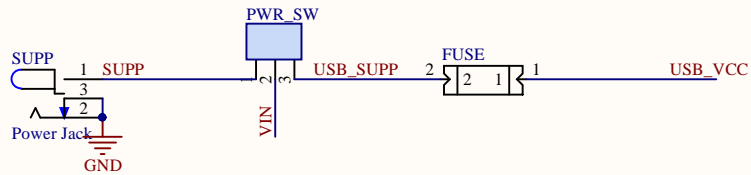


Testpoints

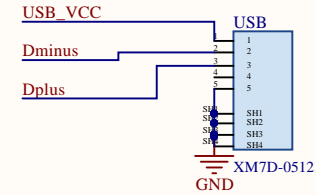


Title Arduino-UNO / FTDI		Team 08 : Gully Gang Boys	
Size A	Number 3	Revision 02	
Date:	11/11/2019	Sheet 3	of 3
File:	C:\Users\...\FTDIChip.SchDoc	Drawn By: Shubham Bhosale & Chinmay Patil	

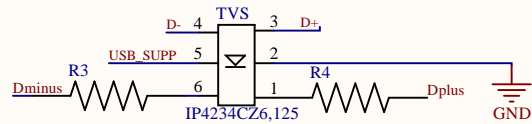
Power Supply



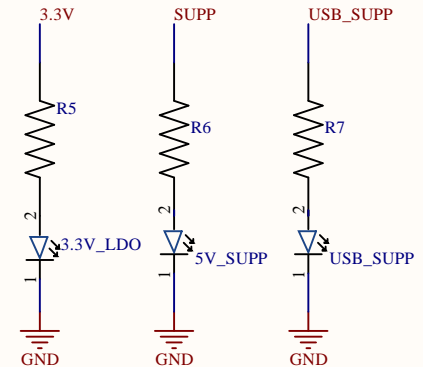
USB Pin



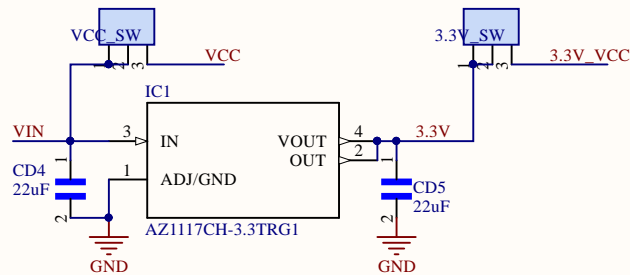
TVS Diode



LED Indicators

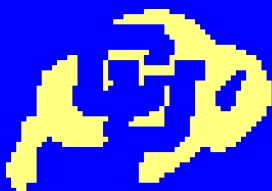


3.3V LDO



Title		Team 08 : Gully Gang Boys	
Size	Number	Revision	
A	2	02	
Date:	11/11/2019	Sheet 2	of 3
File:	C:\Users\...\PowerSupply.SchDoc	Drawn By: Shubham Bhosale & Chinmay Patil	

- CHINMAY PATIL (MSEE)
- SHUBHAM BHOSALE (MSME)



UNIVERSITY OF COLORADO BOULDER
ECEN 5013, OCT 2019

