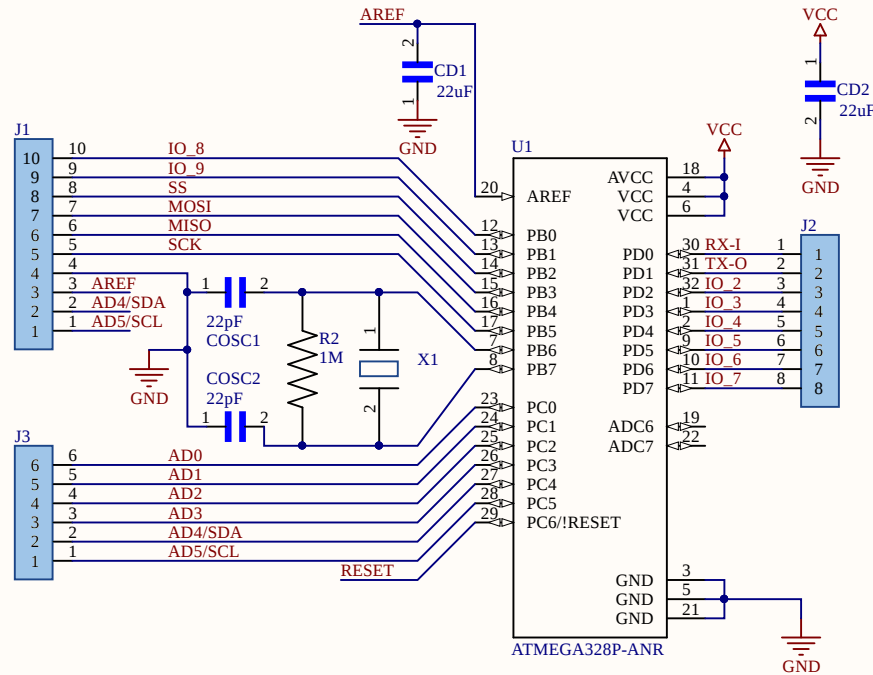
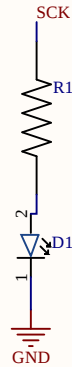
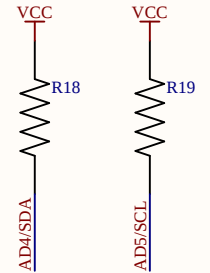


Atmega328

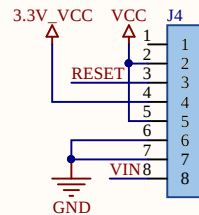
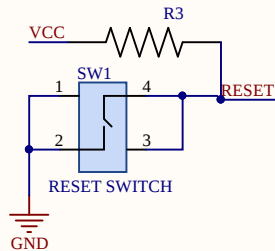


Pull Up Resistors

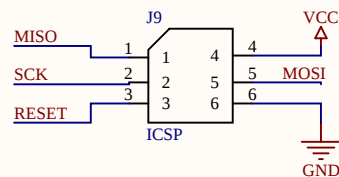
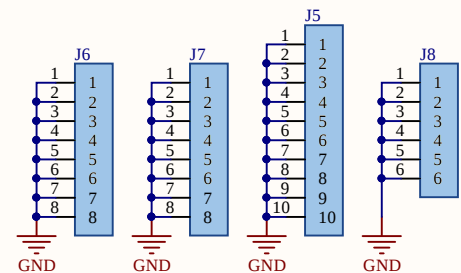


Note : All resistors are of 1K

Reset Network



Return Pins



Title **Arduino-UNO | Atmega328**

Team 08 : Gully Gang Boys

Size A

Number **1**

Revision **02**

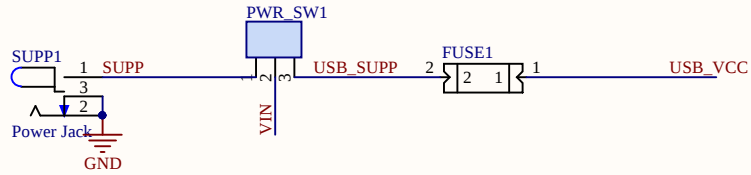
Date: 11/19/2019

Sheet 1 of 4

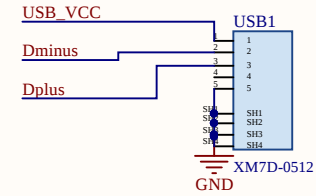
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Drawn By: Shubham Bhosale & Chinmay Patil

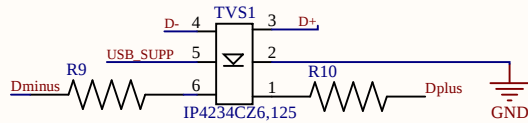
Power Supply



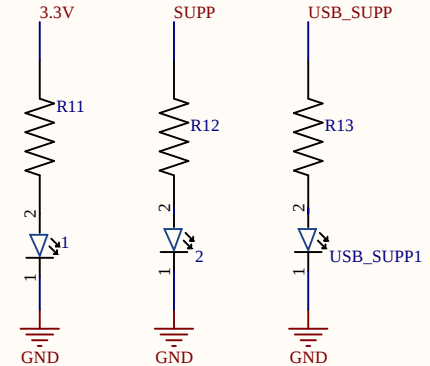
USB Pin



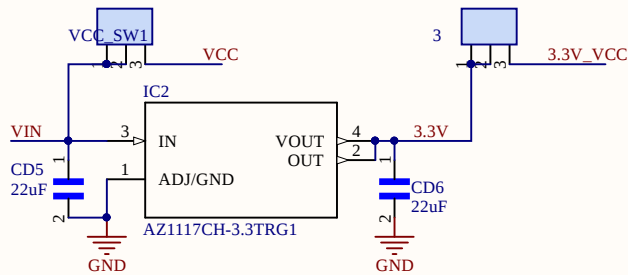
TVS Diode



LED Indicators



3.3V LDO



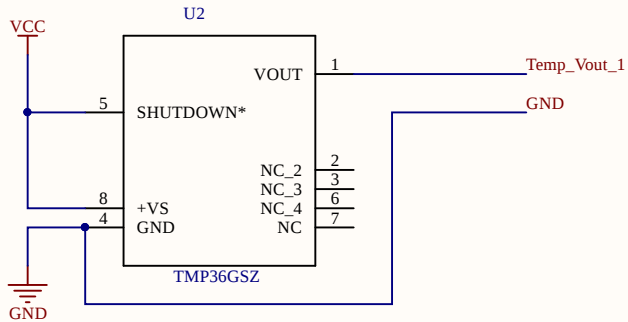
Title		Team 08 : Gully Gang Boys	
Size	Number	Revision	
A	2	02	
Date:	11/19/2019	Sheet 2	of 4
File:	G:\My Drive\...\PowerSupply.SchDoc	Drawn By: Shubham Bhosale & Chinmay Patil	

A



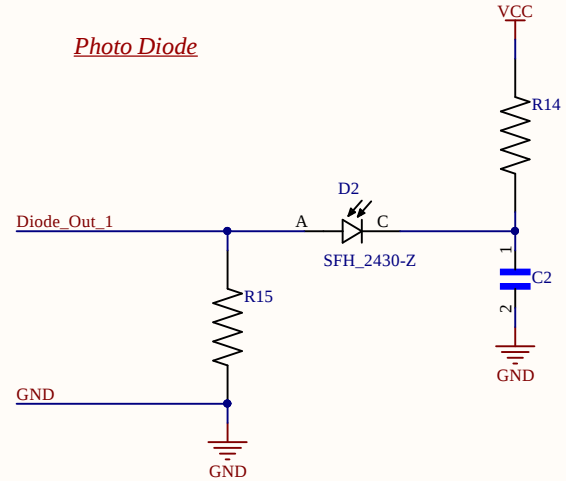
Temperature Sensor

Temp Sensor Chip

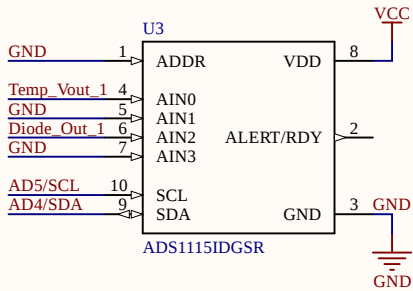


Heart Beat Sensor

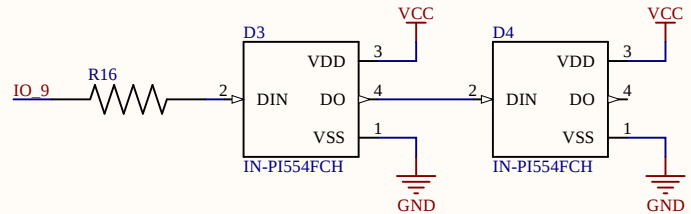
Photo Diode



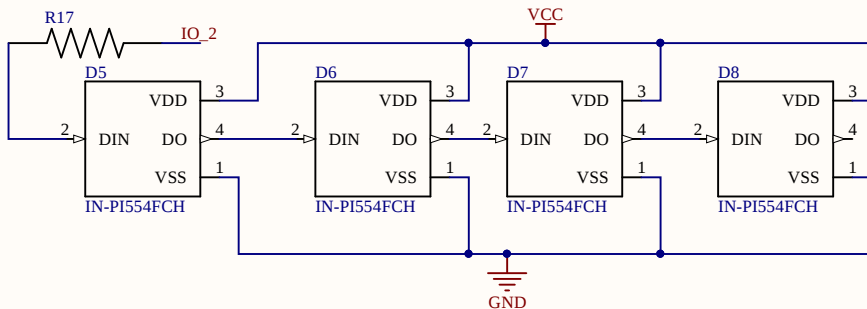
16-Bit ADC



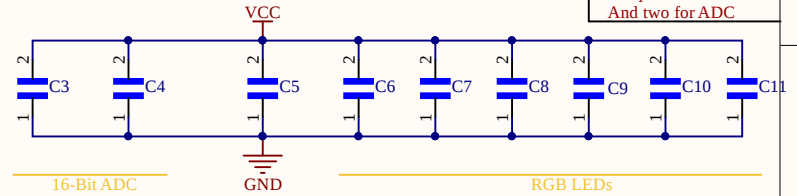
RGB LEDs



Extra RGB LEDs



Decoupling Capacitors



Note:
One each for
Temp Sensor and LEDs
And two for ADC

Title **Arduino-UNO | Sensors**

Team 08 : Gully Gang Boys

Size
A

Number
4

Revision
02

Date: 11/19/2019

Sheet 4 of 4

File: G:\My Drive\Arduino\Sensors.SchDoc

Drawn By: Shubham Bhosale & Chinmay Patil

