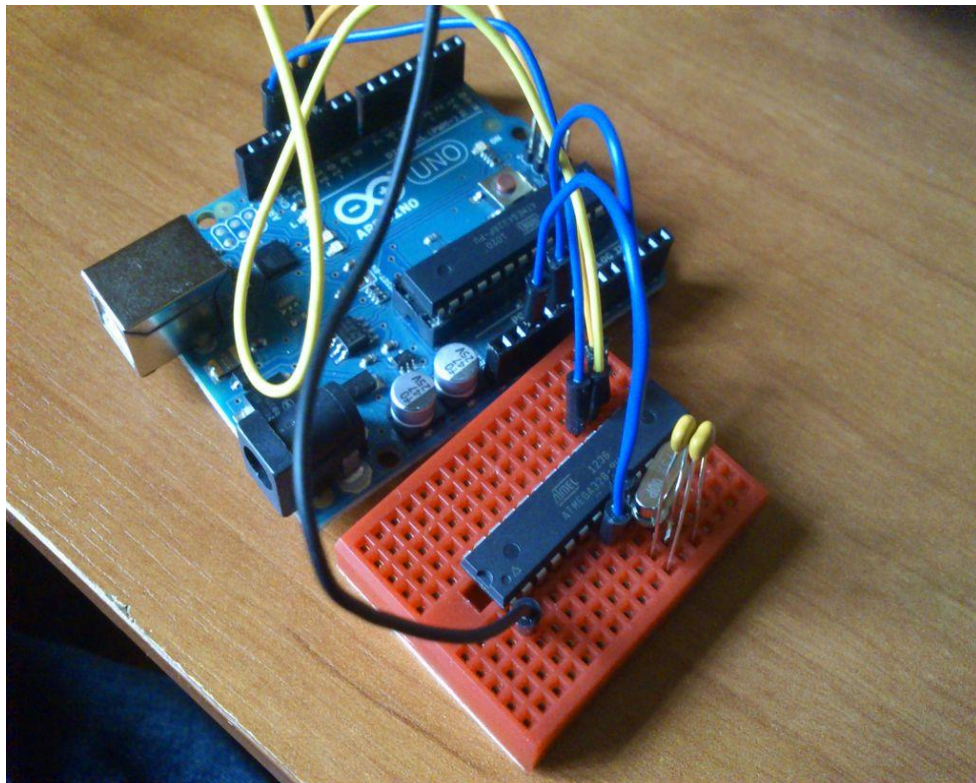
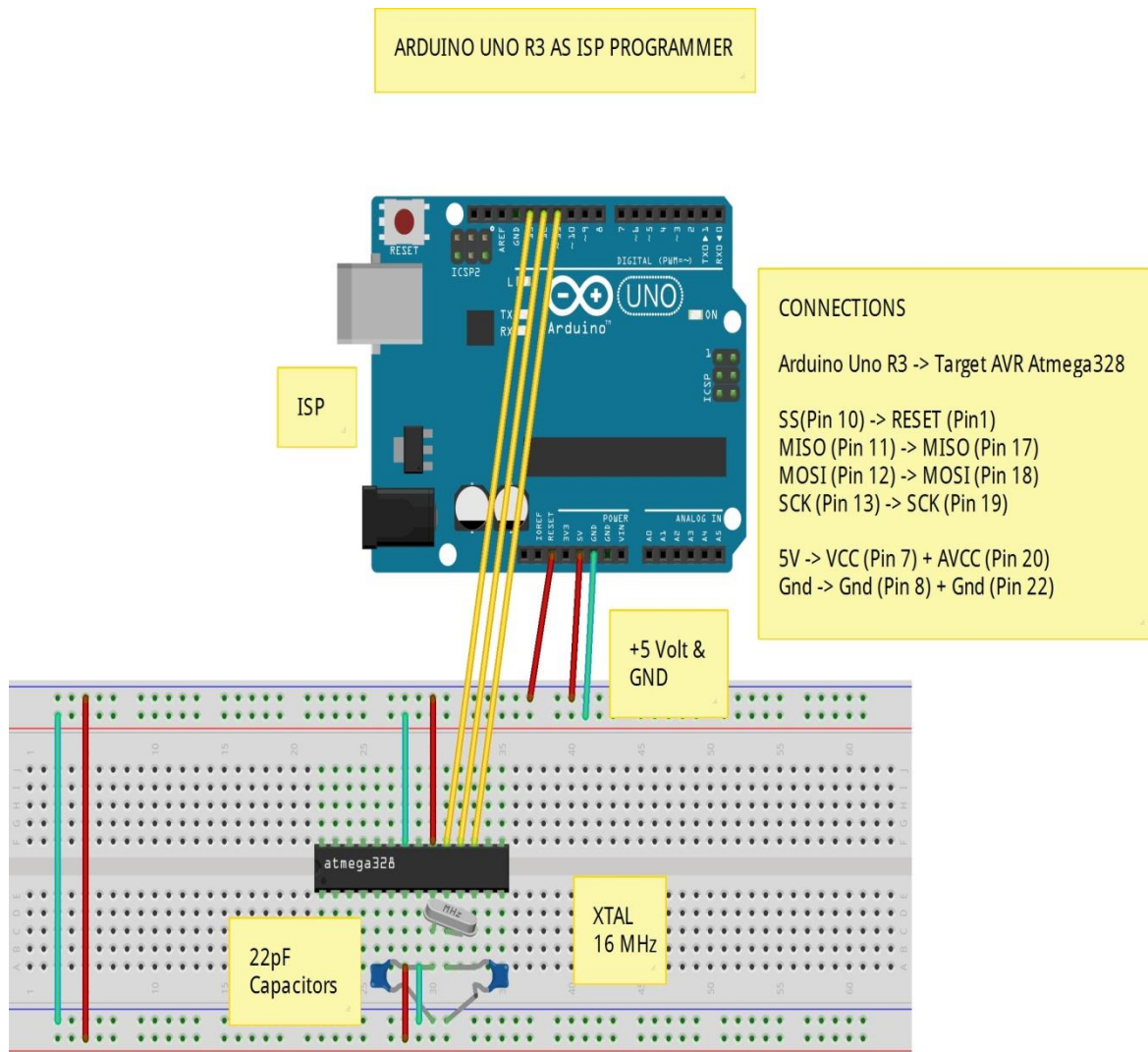


# System Design

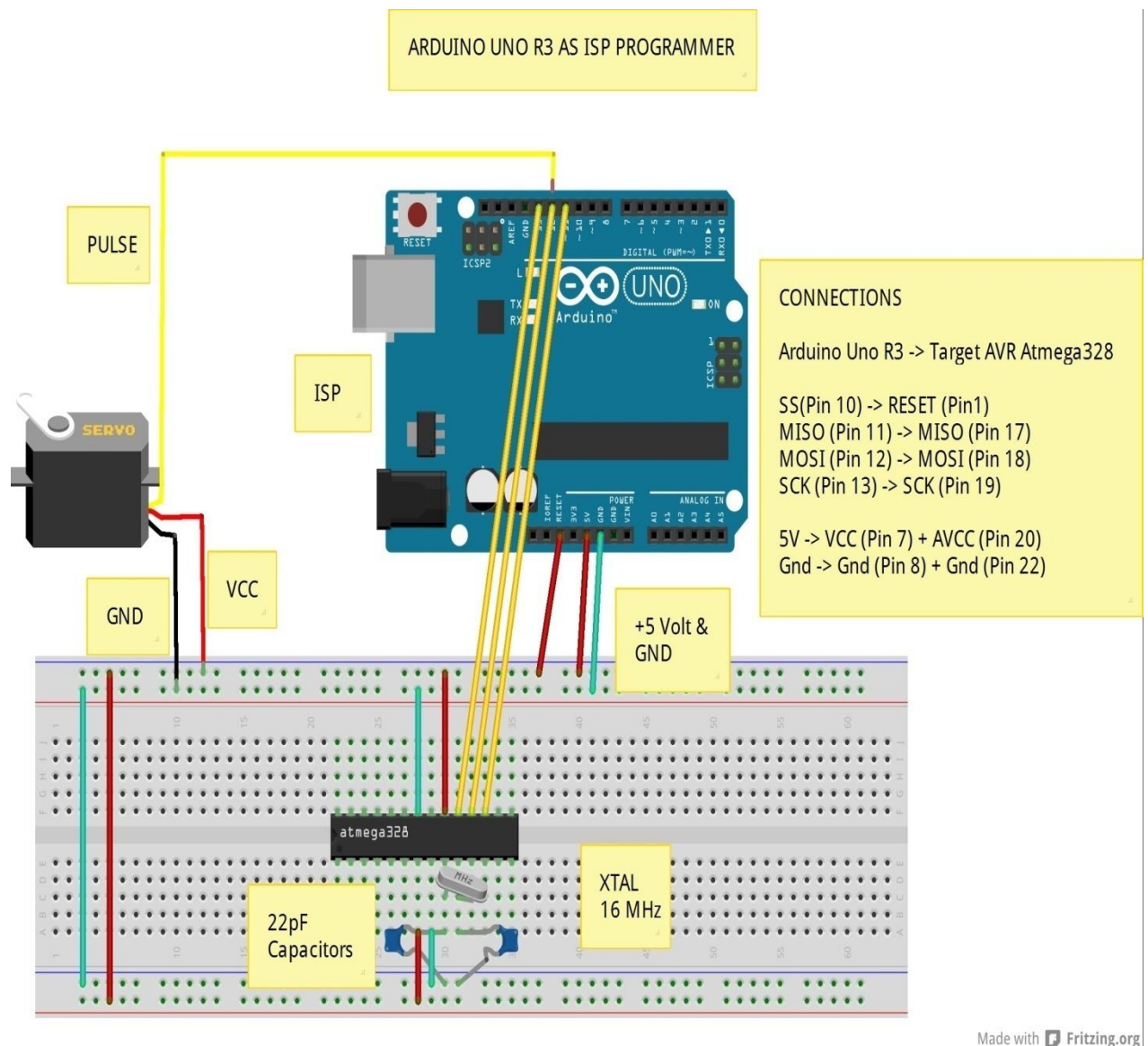
## 1) Boot loading Atmega328 using Arduino Uno



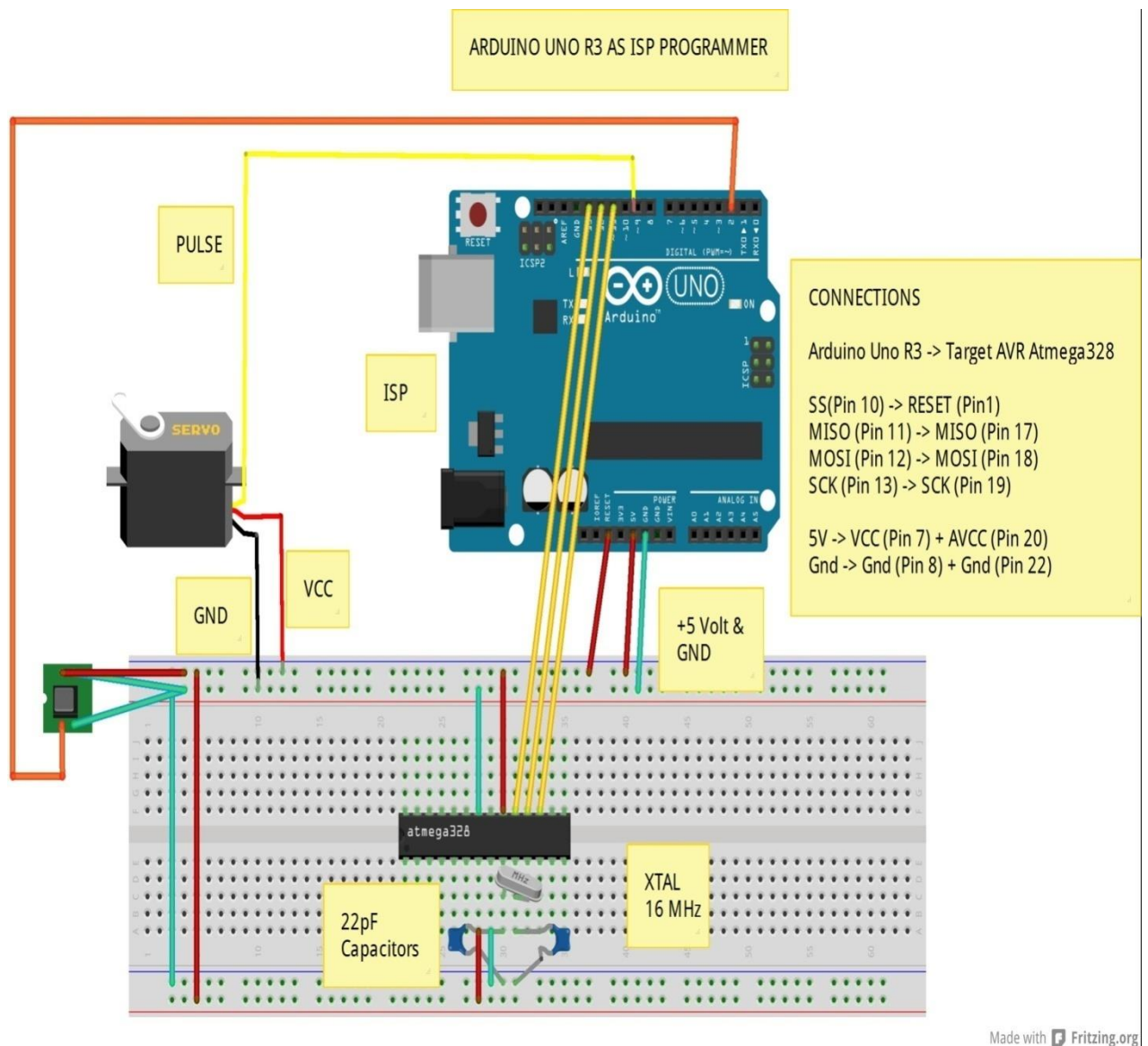
## 2) Circuit diagram for Boot Loading ATmega32



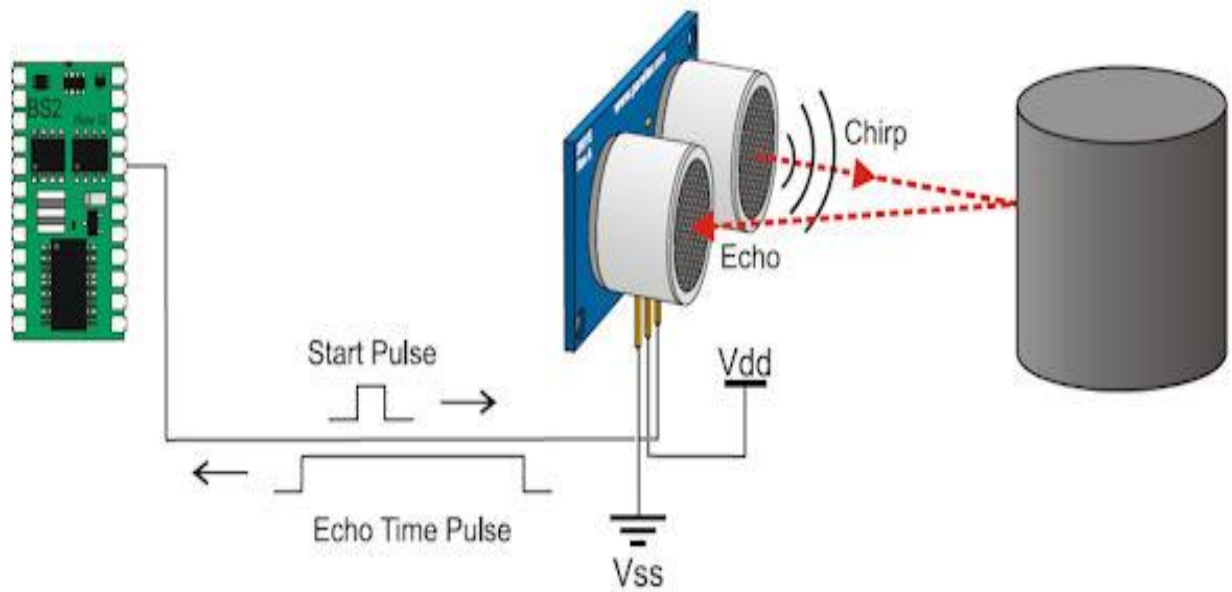
### 3)Connecting the Servo Motor



#### 4)Connecting Ultrasonic Sensor to Arduino

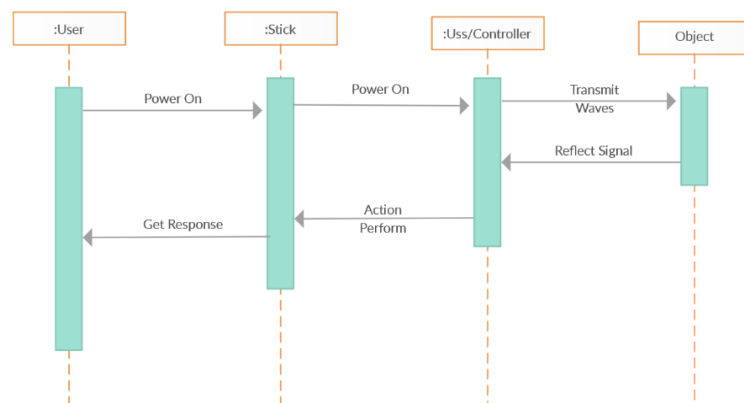


## 5) Working of Ultrasonic Sensor



## 6) Sequence diagram

Sequence Diagram for Ultrasonic Sensor





## Results:

