

Military Institute Of Science And Technology

Department of Computer Science and Engineering

Topic: Paper on Circuit Diagram

Course Code: CSE-460

Group Number: 8

Project Name: Automated Vehicle IN-OUT
Autonomous System at MPCP

Members:

- Lt Tanvir
- Lt Farhan
- Lt Nazif
- Lt Shamri

Introduction: Our Project includes a RFID-RC522 RF Card Sensor Module for scanning the tags and retrieving the data. The entire process is controlled by Arduino UNO R3. The data is sent to the PC through the Arduino. The Buzzer also activates basing on the Tag scanned.

Components:

1. Arduino Uno R3
2. RFID-RC522 RF IC Card Sensor Module
3. Buzzer
4. Male-Male Jumper
5. Breadboard

Circuit Diagram:

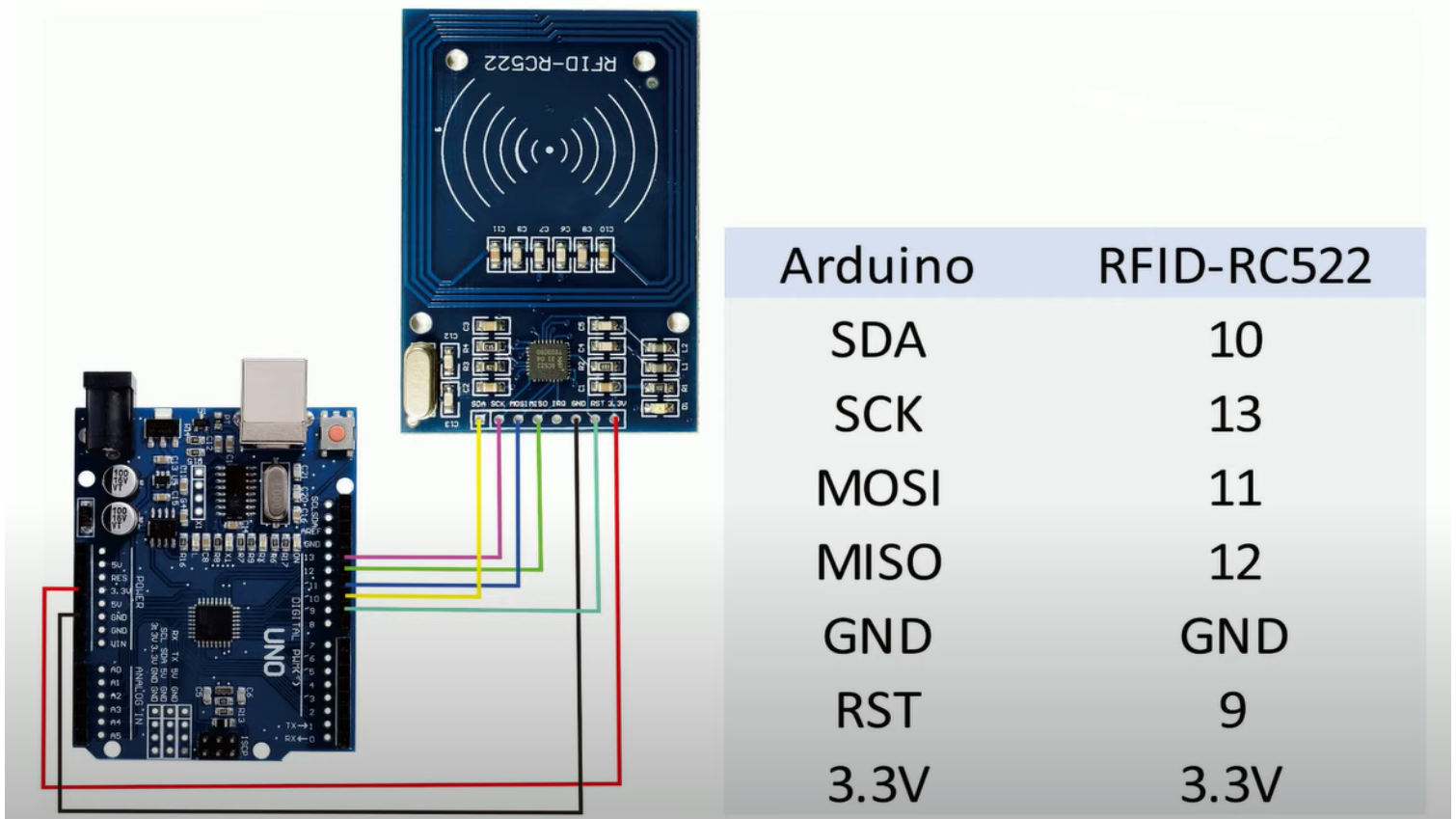


Fig-1: Arduino and RFID Connection

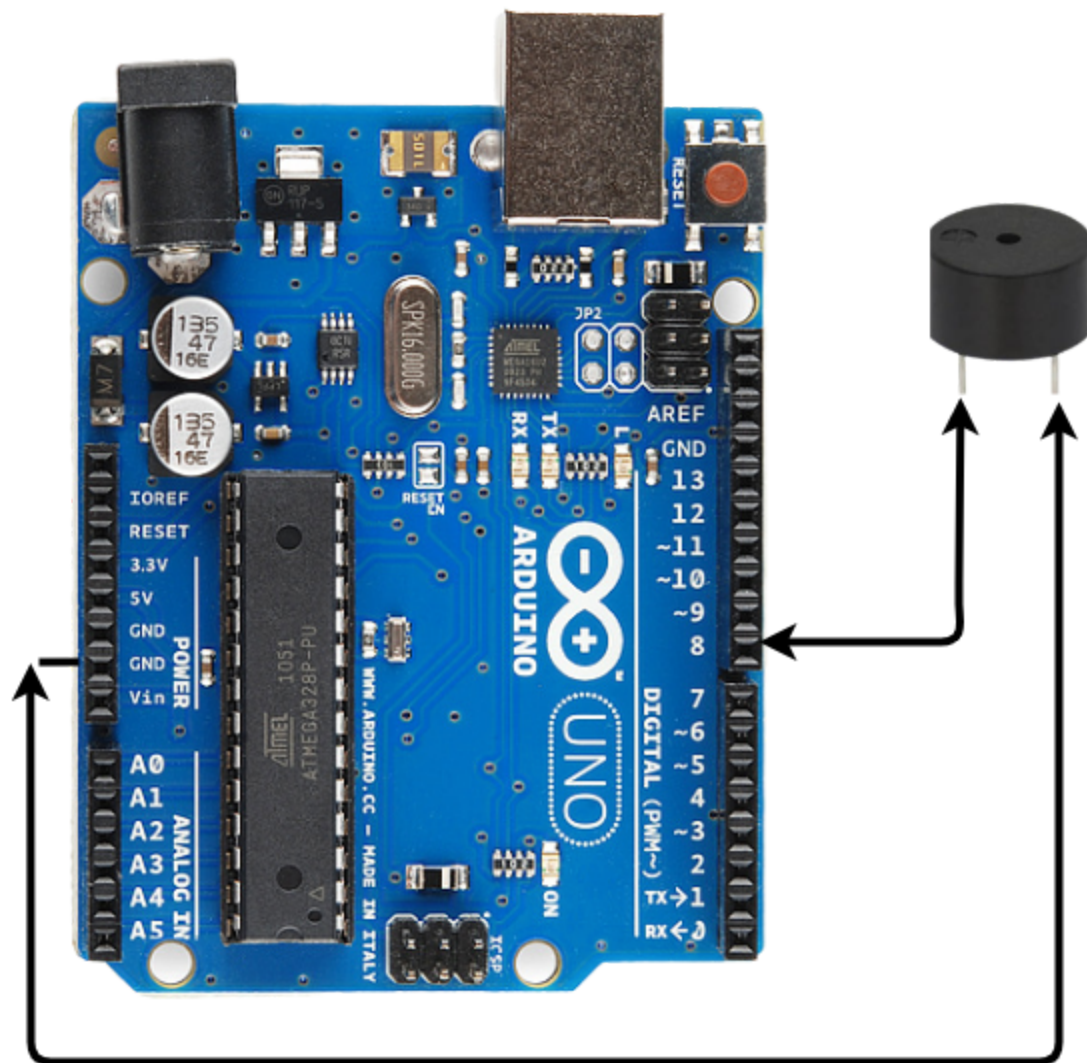


Fig-2: Arduino and Buzzer Connection