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PINOUT:

RC522 MODULE Uno/Nano MEGA

SDA D10 D9

SCK D13 D52

MOSI D11 D51

MISO D12 D50

IRQ N/A N/A

GND GND GND

RST D9 D8

3.3V 3.3V 3.3V

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#include "SPI.h"

#include "MFRC522.h"

#define SS\_PIN 10

#define RST\_PIN 9

#define SP\_PIN 8

MFRC522 rfid(SS\_PIN, RST\_PIN);

void setup() {

Serial.begin(9600);

SPI.begin();

rfid.PCD\_Init();

}

void loop() {

if (!rfid.PICC\_IsNewCardPresent() || !rfid.PICC\_ReadCardSerial()) // it will check for newcard and it will check weather card reader is avilable or not

return; //it will print continious 0's if we remove this line ,since if we get 0's it will retrun back to loop()

String strID = ""; // intilizing or declaring strID as a string

for (byte i = 0; i < 4; i++)

{

strID +=String(rfid.uid.uidByte[i], DEC);

}

Serial.print("Tap card key: ");

Serial.println(strID);

rfid.PICC\_HaltA(); // it will print card value only time if you kep card on reader ,if we remove this line it will print values continously

}