Circuit

GND → GND

VCC → 5V

SDA → A4

SCL → A5

Code

#include <Wire.h>

#include "RTClib.h"

RTC\_DS3231 rtc;

void setup () {

Serial.begin(9600);

Wire.begin();

rtc.begin();

//inserir a data e hora atuais

rtc.adjust(DateTime(2023, 3, 3, 23, 54, 0));

}

void loop () {

DateTime now = rtc.now();

Serial.print(now.day(), DEC);

Serial.print('/');

Serial.print(now.month(), DEC);

Serial.print('/');

Serial.print(now.year(), DEC);

Serial.print(' ');

Serial.print(now.hour(), DEC);

Serial.print(':');

Serial.print(now.minute(), DEC);

Serial.print(':');

Serial.print(now.second(), DEC);

Serial.println();

delay(1000);

}

Libraries

<https://www.arduinolibraries.info/libraries/rt-clib>