

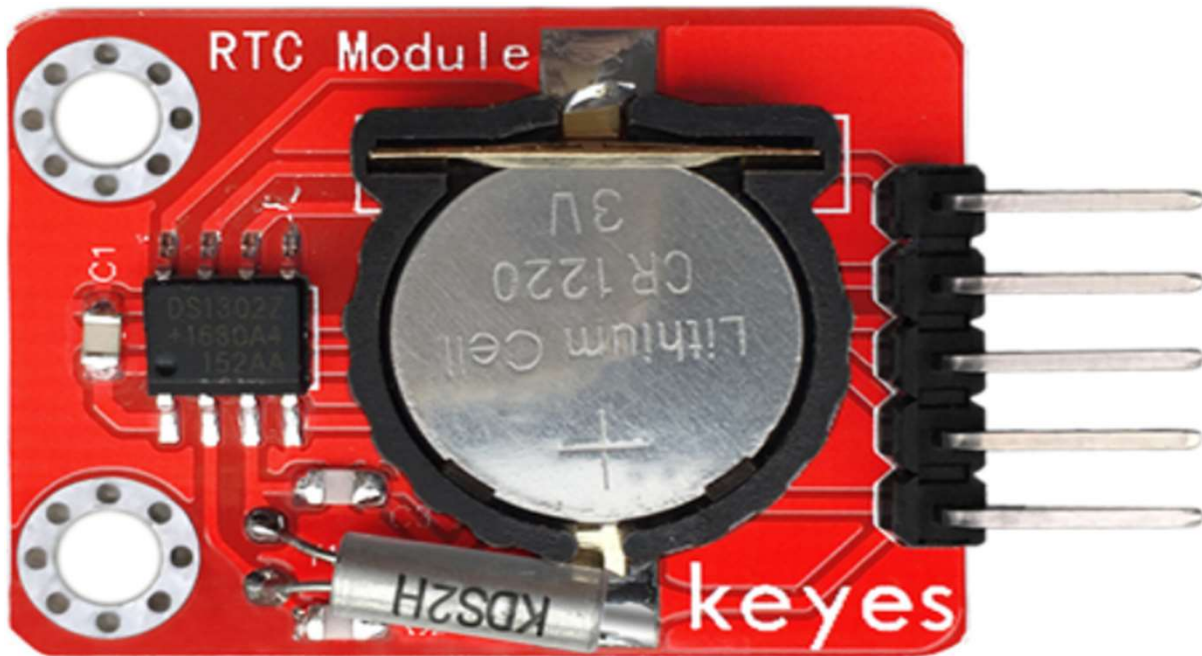
KE0050 KEYES DS1302 real time clock module with battery module

Parameters:

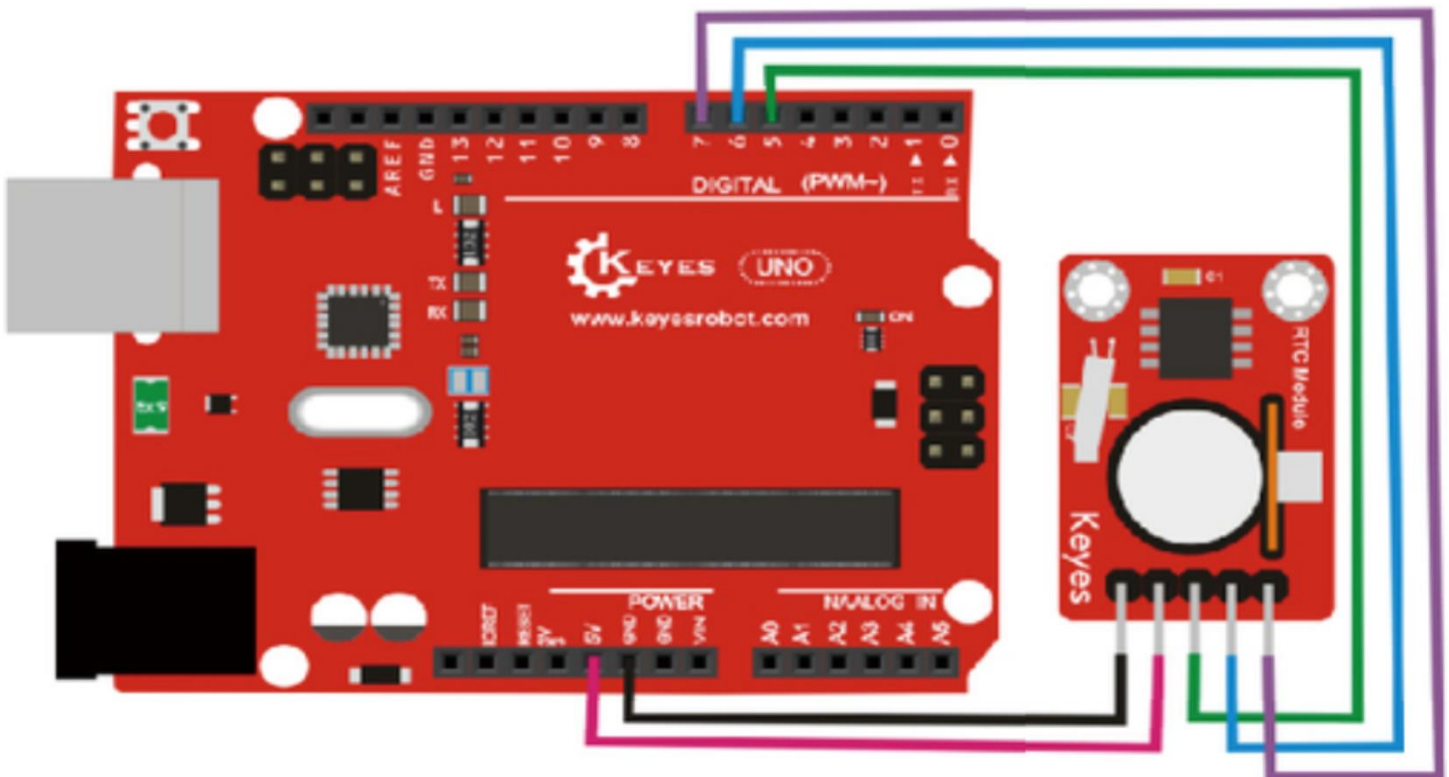
Working Voltage: 3.3 5VDC

Colour: Red

Size: 36x22x6mm.



PINOUT Instruction:



Sample Code:

```
#include <virtuabotixRTC.h> //Library used
//Wiring SCLK -> 5, I/O -> 6, CE -> 7
//Or CLK -> 6 , DAT -> 7, Reset -> 8
virtuabotixRTC myRTC(5, 6, 7); //If you change the wiring change the pins here also
void setup() {
  Serial.begin(9600);
  // Set the current date, and time in the following format:
  // seconds, minutes, hours, day of the week, day of the month, month, year
  myRTC.setDS1302Time(15, 22, 21, 7, 14, 1, 2018); //Here you write your actual time/date as shown above
  //but remember to "comment/remove" this function once you're done
  //The setup is done only one time and the module will continue counting it automatically
}

void loop() {
  // This allows for the update of variables for time or accessing the individual elements.
  myRTC.updateTime();
  // Start printing elements as individuals
  Serial.print("Current Date / Time: ");
  Serial.print(myRTC.dayofmonth); //You can switch between day and month if you're using American system
  Serial.print("/");
  Serial.print(myRTC.month);
  Serial.print("/");
  Serial.print(myRTC.year);
  Serial.print(" ");
  Serial.print(myRTC.hours);
  Serial.print(":");
  Serial.print(myRTC.minutes);
  Serial.print(":");
  Serial.println(myRTC.seconds);
  // Delay so the program doesn't print non-stop
  delay(1000);
}
```

Download library:

<https://drive.google.com/file/d/1GDuLWUJANun5toL-XsEaFfaw2tv0mvhjB/view>

Result:

Wiring well and uploading the code, open the serial monitor and set the baud rate to 9600, push the joystick, you will see the value shown below.

This code is to use with DS1302 RTC module, it permits you to setup the actual time and date

And you can visualize them on the serial monitor

This code is a modified version of the code provided in virtuabotixRTC library

Refer to Surttrtech Youtube channel/Facebook page for more information