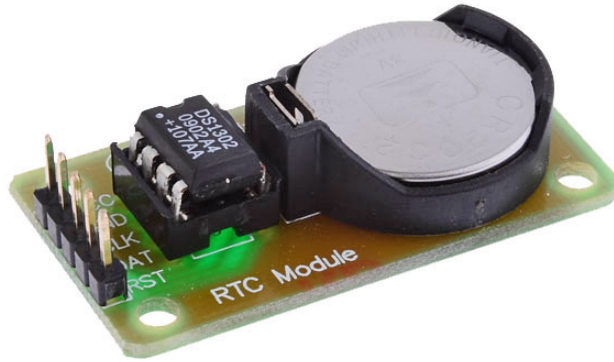


# DS1302 Real Time Clock Module(ME048)



## Product Details:

Real-time clock with energy calculations before 2100 seconds, minutes, hours, day, week, month, year capacity, as well as the ability to leap year adjustment

1. Serial I / O ports such a way that a minimum number of pins
2. Wide operating voltage range 2.0-5.5V
3. 2.0V, operating current of less than 300nA
4. Read / write clock or RAM data transfer mode, there are two single-byte and multi-byte transfer mode transmission character set
5. 8-pin DIP package or an optional 8-pin SOIC surface mount package under
6. Simple 3-wire interface
7. Vcc = 5V and TTL compatible
8. Optional industrial temperature range of -40 to +85
9. Dual power tubes used for the main power supply and backup power supply

## Parameters:

1. PCB single panel, size: approx. 44mm \* 23mm \* 1.6mm
2. With four positioning holes, diameter 3.1mm
3. Backup battery is genuine celestial CR2032, Voltage 3V, current 260mAh, non-rechargeable batteries
4. Crystal 32.768KHz, Japan imported crystal, matching capacitance 6pF, size 2 \* 6mm
5. DS1302 is made large 8-pin DIP chip, chip below IC socket for easy replacement and swap

chips

6. Module operating voltage compatible 3.3V/5V, can be connected with 5V and 3.3V microcontroller

7. Working temperature: 0°--- 70°

8. PCB is single sided board