



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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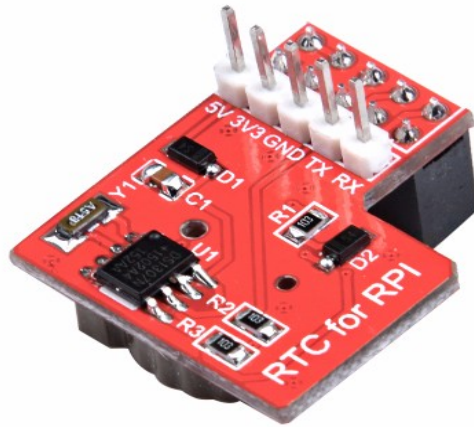
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Raspberry Pi RTC Expansion Module v1.1

SKU 114100001



DESCRIPTION

The RTC module is specifically designed for Raspberry Pi. It communicates with Raspberry Pi through I2C bus. There is a Maxim DS1307 and CR1220 button cell on the board to keep the real time for a long time after the Raspberry Pi has its power off. In order to offering a convenient way to debug, there are five pins which are 5v, 3.3v, Rxd, Txd on board.

FEATURES

- Use Maxim DS1307 chip
- Extends CR1220 button cell backup
- Can be operated by a shell
- Set a serial port connector
- Programmable square-wave output signal
- Consumes Less than 500nA in Battery-Backup Mode
- Automatic Power-Fail Detect and Switch Circuitry
- Programmable Square-Wave Output Signal

PARAMETERS

- Accuracy ± 2 ppm from 0°C to +40°C
- Work voltage 5V
- Battery Backup Input for Continuous Time keeping
- Real-Time Clock Counts Seconds, Minutes, Hours, Day, Date, Month, and Year with Leap Year • Compensation Valid Up to 2100
- Work temperature 0°C to +70°C

PART LIST

- 1 x RTC Module