

RTC Real Time Clock DS1307 I2C IIC Module for Arduino

Slug: rtc-real-time-clock-ds1307-i2c-iic-module-for-arduino



TECHNICAL SPECIFICATIONS & SUMMARY

[Clock Module, Sensors] This is Tiny RTC Real Time Clock DS1307 I2C IIC Module for Arduino. It contains a DS1307 real-time clock IC with a backup battery. It's one of the easiest to use RTCs out there, with Arduino and other libraries or simply use I2C commands to set and retrieve the time and date. Includes a lithium coin cell battery which should be good for four years at least. Along with the DS1307 real-time clock, the module also has an Atmel 24C32 EEPROM chip which is handy for storing data without worrying about power loss. There is also space on the board to solder your own DS18B20 temperature sensor. This battery-powered clock allows you to keep a reasonably accurate time even when your Arduino is powered off. It is very useful in data logging and other time-sensitive applications. The device uses I2C to communicate with your Arduino. Features : Two-wire I2C interface Hour: Minutes: Seconds AM/PM Leap year compensation Accurate calendar up to the year 2100 Consumes Less than 500nA in Battery-Backup 1Hz output pin 56 Bytes of Non-volatile memory

UNIT PRICE (EX. GST)

Rs. 39

WITH 18% GST

Rs. 46

In stock: 10 units - HSN: 85423100

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