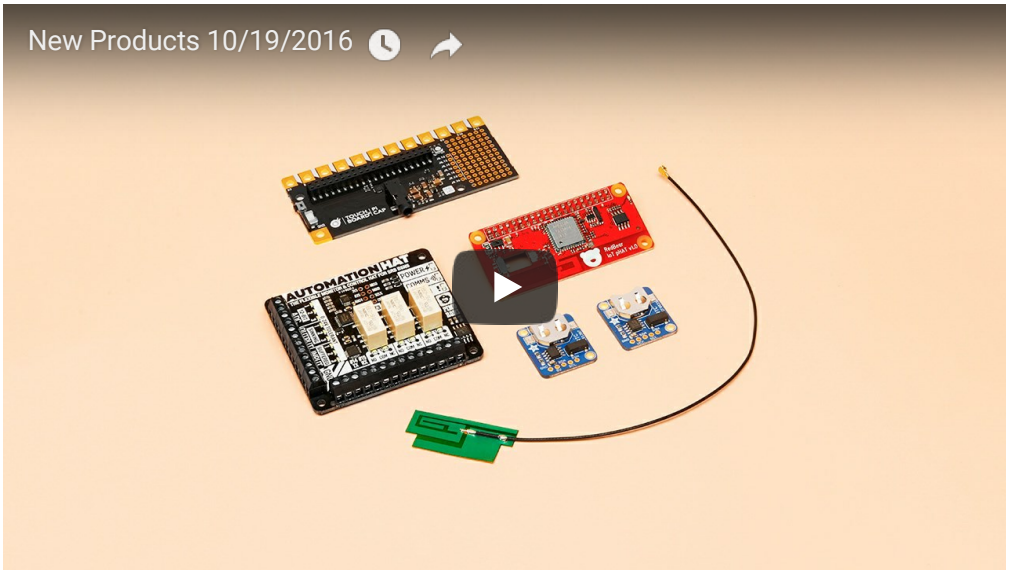
purchase a coin cell battery to use with this product.

The DS1307 is simple and inexpensive but not a high precision device. It may lose or gain up to 2 seconds a day. For a high-precision, temperature compensated alternative, please check out the DS3231 precision RTC. If you do not need a DS1307, or you need a 3.3V-power/logic capable RTC please check out our affordable PCF8523 RTC breakout

Check out our detailed guide for wiring diagrams, schematics, fritzing objects, library code and more!



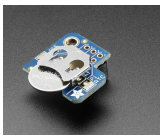
TECHNICAL DETAILS

Dimensions:

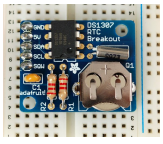
- Length: 25.8mm/1.02in
- Width: 21.7mm/0.85in
- Height: 5mm/0.2in
- Weight: 2.3g/0.09oz
- Mounting holes are 2.2mm(0.086in) diameter, 25mm(0.98in) apart
- This board/chip uses I2C 7-bit address 0x68

RoHS

LEARN



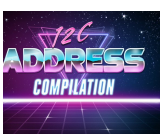
Adding a Real Time Clock to Raspberry Pi
Keep time at all times with a real time clock



DS1307 Real Time Clock Breakout Board Kit
Real time clock mini-breakout board

NeoPixel 60 Ring Wall Clock
A simple clock using the NeoPixel 60 Ring

NeoMatrix 8x8 Word Clock
using the NeoPixel NeoMatrix 8x8 to power a word clock!



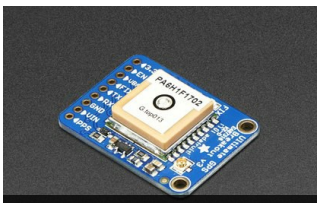
I2C addresses!
I2C addresses from 0x00 to 0x7F (inclusive)

MAY WE ALSO SUGGEST...


Adafruit PCF8523 Real Time


TIMESQUARE DIY Watch Kit


TIMESQUARE DIY Watch Kit


Adafruit Ultimate GPS


TIMESQUARE DIY Watch Kit


TIMESQUARE DIY Watch Kit


ChronoDot - Ultra-precise


TIMESQUARE DIY Watch Kit

CR1220 12mm Diameter -


Adafruit PiRTC - PCF8523


Adafruit TPL5110 Low Power


Adafruit TPL5111 Low Power

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"Elegance is not a dispensable luxury but a quality that decides between success and failure" - Edsger W. Dijkstra