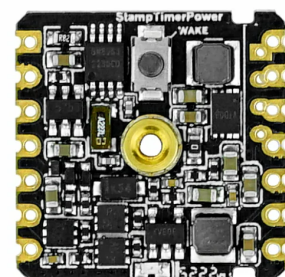
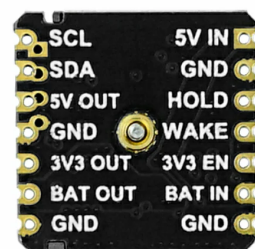
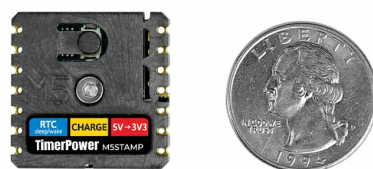
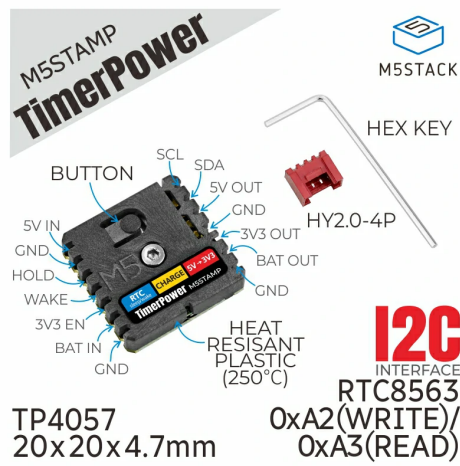


Stamp Timer Power

SKU:S005





Description

Stamp Timer Power is a **low-power power control module** with **STAMP series packaging** and built-in **RTC wake-up** functionality. It integrates **manual wake-up**, **manual sleep**, **RTC timed wake-up**, **battery charging**, **5V boost output**, and **3.3V power output**. The RTC uses the **BM8563**, which can set an **overflow time** to wake up the module and supply power. This module adopts the STAMP package and supports **SMD**, **DIP**, and flying-wire usage, making it suitable as the **power section of low-power products**.

Features

- Multiple IO breakouts, supporting various application forms (SMT, DIP, flying-wire)
- Manual or software-controlled timed wake-up or sleep
- Lithium battery charging and 5V boost
- 3.3V output DC-DC circuit

Includes

- 1 x Stamp Timer Power
- 1 x Hex Key L-Shape 2.0mm
- 1 x HY2.0-4P Terminal

Applications

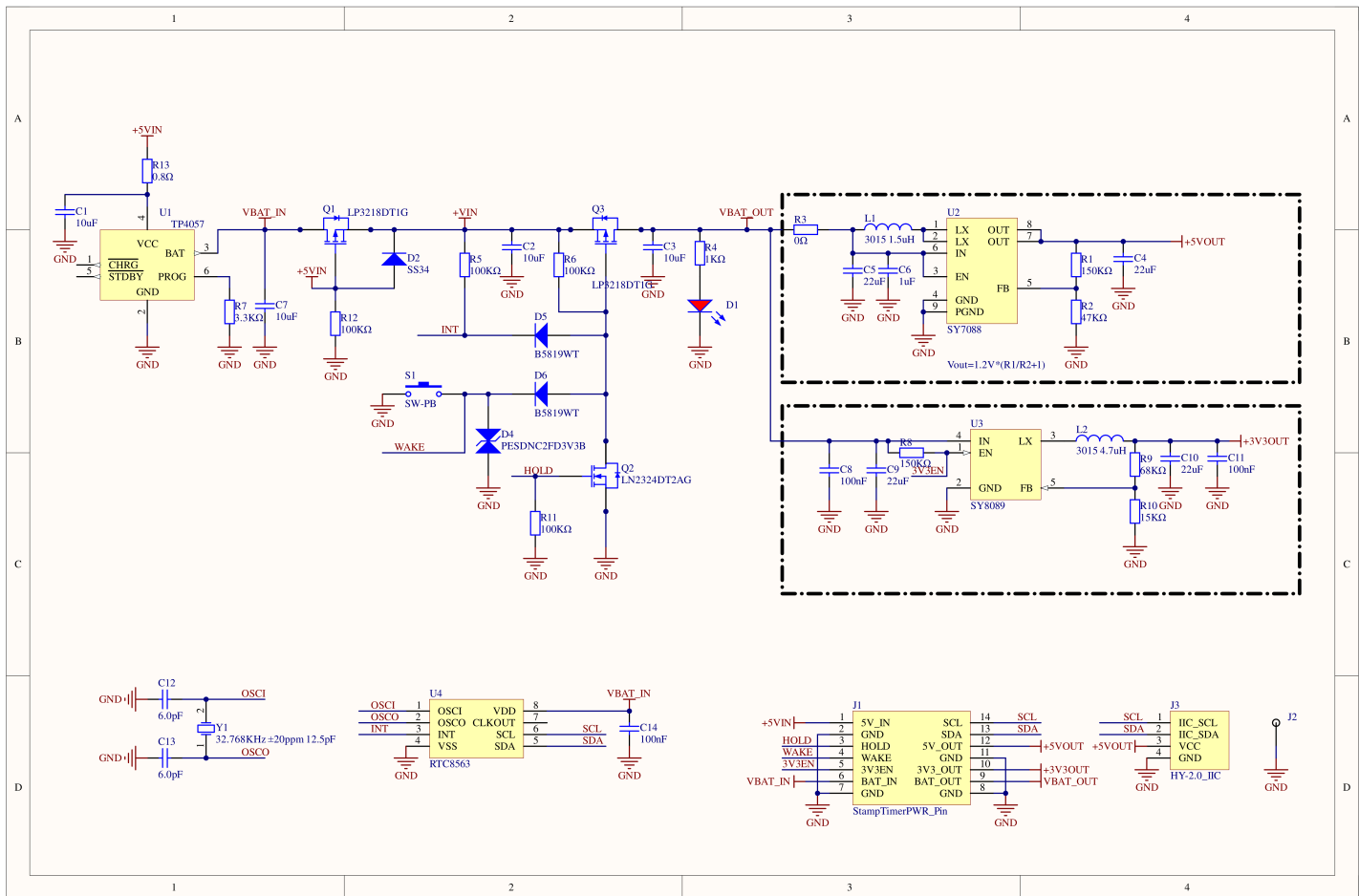
- Power section for low-power products
- Low-power time-lapse photography
- Battery-powered doorbells
- Wearable devices
- Smart home

Specifications

Specification	Parameter
RTC	BM8563
Battery Management IC	TP4057
RTC8563 Communication Interface	Default I2C @ 0x51 / 0xA2 (Write) / 0xA3 (Read)
IO Pin Pitch	2.54mm
Mounting Screw Spec	M2 * 4 Countersunk Hex Socket Machine Screw
Operating Temperature	0°C ~ 60°C
Product Size	20.0 x 20.0 x 5.0mm
Product Weight	2.6g
Package Size	136.0 x 92.0 x 13.0mm
Gross Weight	5.8g

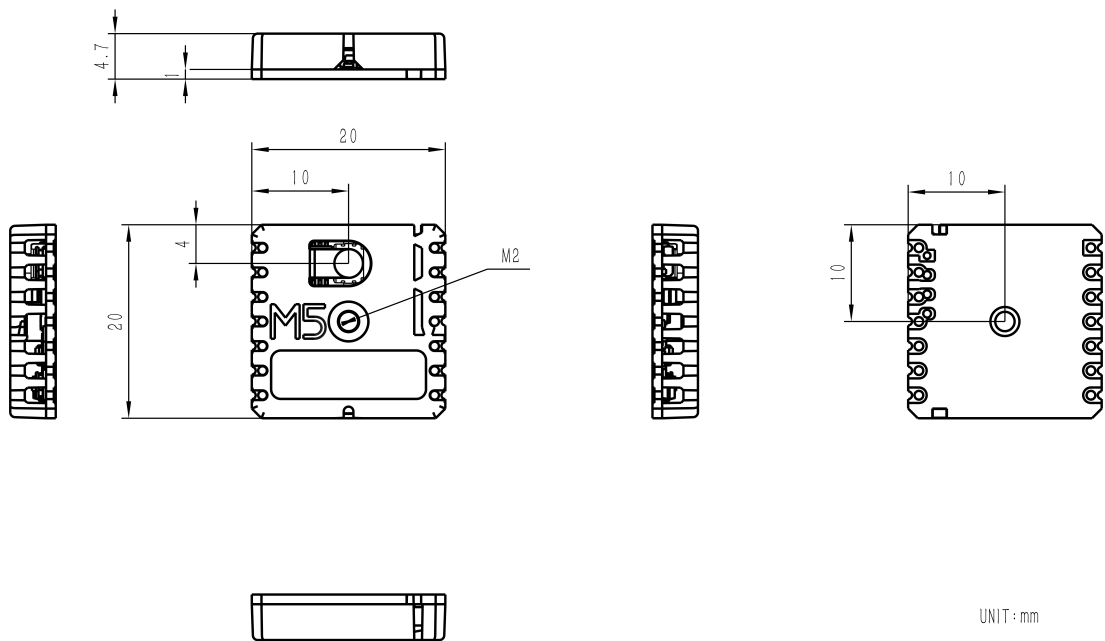
Schematics

- [Stamp Timer Power Schematics PDF](#)



Model Size

- [Stamp Timer Power Model Size PDF](#)



Datasheets

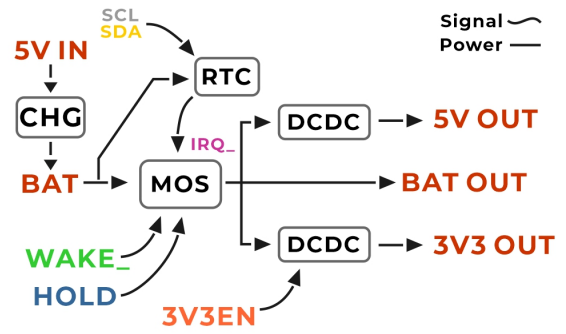
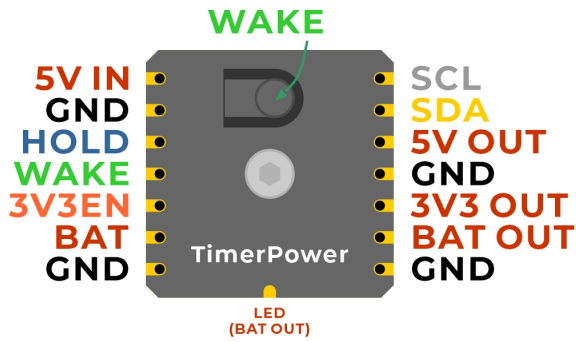
- [BM8563](#)
- [TP4057](#)

Softwares

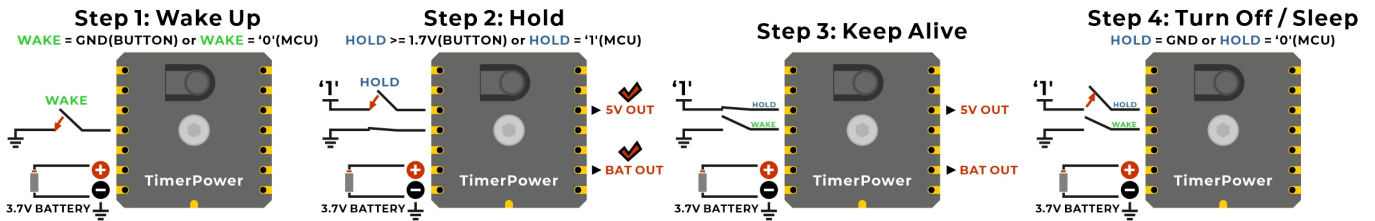
Arduino

- [Stamp Timer Power Arduino Example](#)

UiFlow1



How To Use?



How To Wake Up in a setting time?

