



M5STACK

M5Stamp Timer Power (BM8563)

SKU:S005



Description

- StampTimerPower is a low-power power control module with built-in RTC wake-up in a STAMP series package, with manual wake-up+manual sleep+RTC timing wake-up+battery charging+5V boost output+3V3 power output and other functions, and the RTC adopts BM8563,The overflow time can be set to wake up the module for power. The module is available in a STAMP package and can be used as a power supply part for low-power products by using SMD,DIP, and flying wires.

Features

- Multi-IO lead-out, support multiple application forms (SMT, DIP, flying wire)
- Manual or software-timed wake-up or hibernation
- Lithium battery charging and 5V boost
- 3.3V output DCDC circuit

Includes

- 1x StampTimerPower
- 1x 2.0mm hex key
- 1x HY2.0-4P terminal

Applications

- Low power consumption product power section
- Low-power time-lapse camera
- Battery doorbell
- Wearables
- Smart home

Specification

Resources	Parameters
RTC	BM8563
Battery management IC	TP4057
I2C mailing address	default 0x51 · 0xA2(write) · 0xA3(read)
IO interface spacing	2.54mm
Fixing screw specifications	M2*4 countersunk hexagonal mechanical teeth
Operating temperature	0°C to 60°C
Product Size	20mm × 20mm × 5mm
Package Size	136mm × 92mm × 13mm
Product Weight	2.6g
Package Weight	5.8g

<https://shop.m5stack.com/products/m5stamp-timer-power-bm8563?variant=43696506011905>