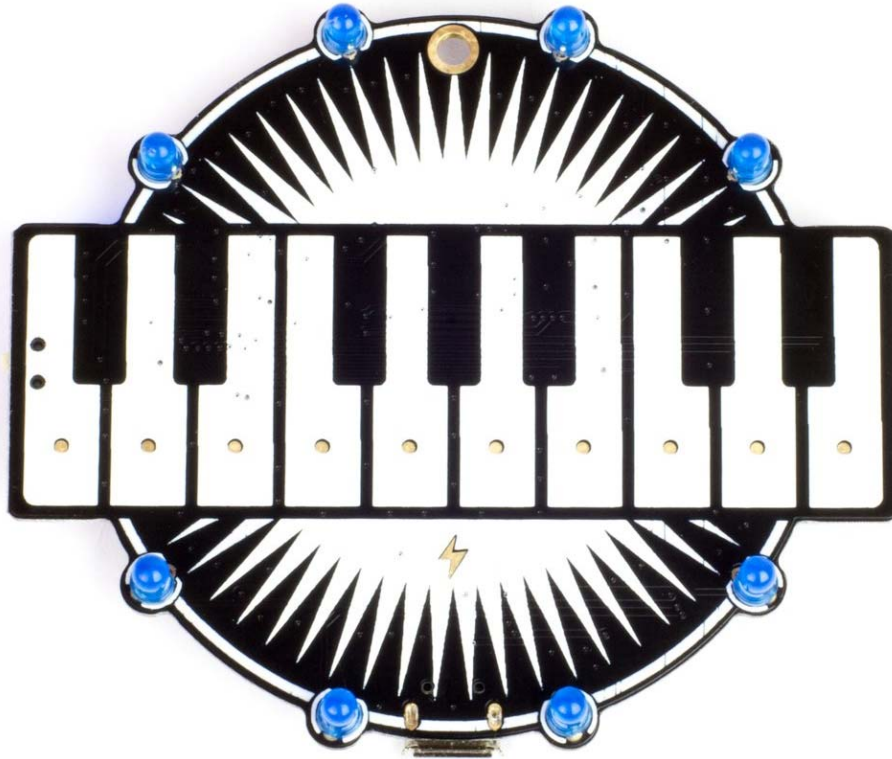


# PIMORONI

Purveyors of fine Maker goods, worldwide



## KeyBoard

A badge with interactive lighting and music. LNG004

An interactive badge with touching, lightning, and melody. You can wear it on your neck or fix it to your bag. Press the lightning icon to switch between two modes. One is a mini piano while another is circular melody and chasing light.

### Feature

- Interactive badge
- Rechargeable
- Easy to wear

## Part List

- KeyBoard × 1
- Coin battery × 1
- Brooch × 1
- Neck sling × 1
- Micro-USB cable × 1



## Specification

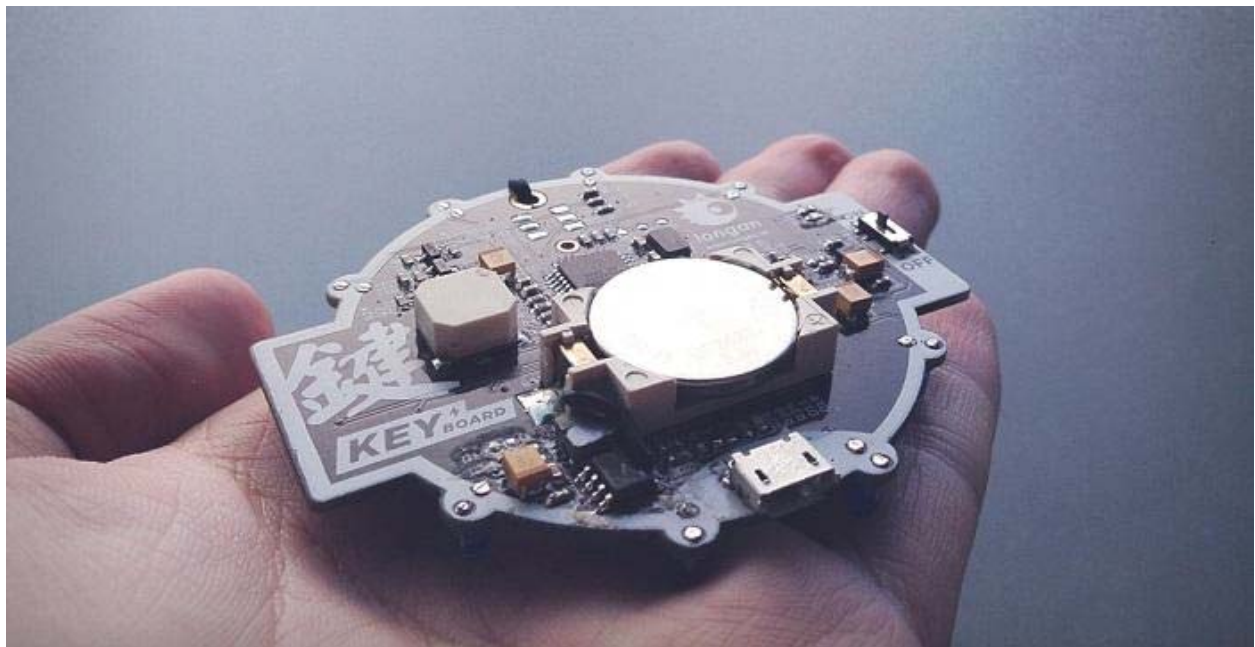
- Microcontroller: ATmega328P
- Operating Voltage: 3.3V
- Flash Memory: 32KB of which 0.5KB used by bootloader
- SRAM: 2KB
- EEPROM: 1KB
- Clock Speed: 16MHz
- Working Current: 30mA (when buzzer on)
- Static Current: 8mA (when buzzer and led off)
- Sleep Current: <1mA
- Charge Time: 30 min
- Standby Time: 8 hours
- Keys: 10
- LEDs: 8

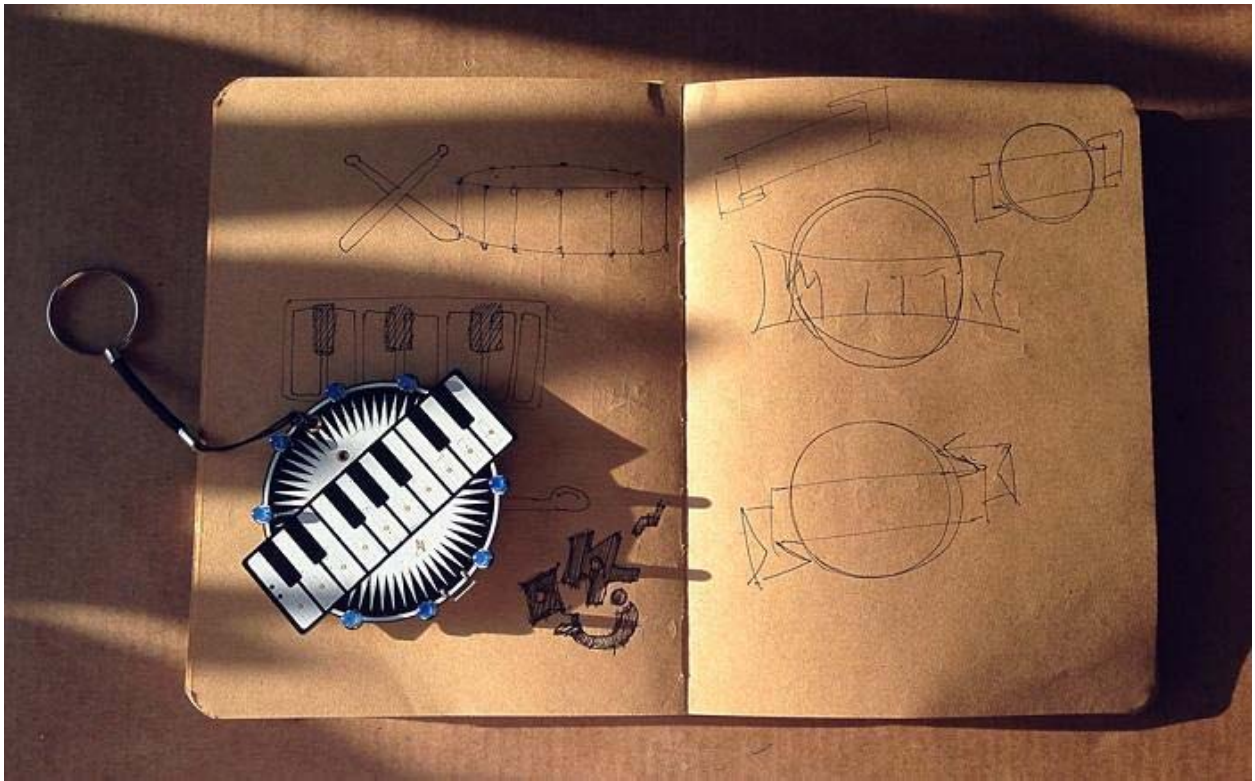
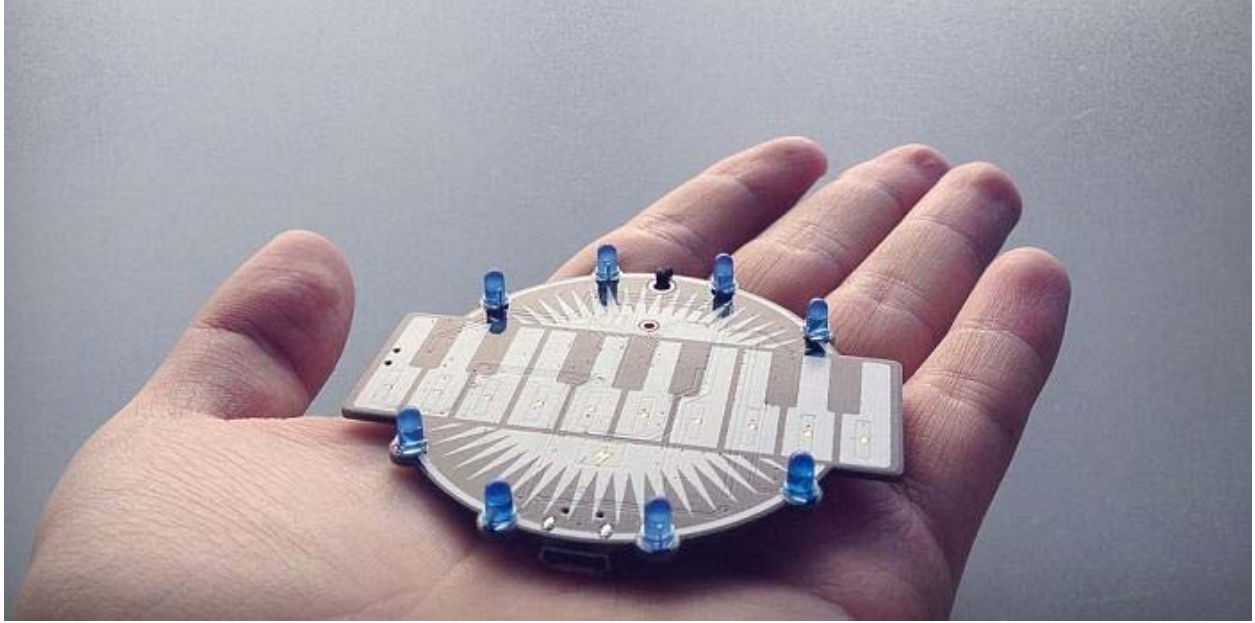
## How to Use

- Insert the coin battery
- Turn the switch on
- Press the keys of keyboard
- Press the lightning key to switch the mode
- Fix the neck sling to wear it on your neck
- Fix the brooch to pin it to your bag
- Plug the micro-USB cable to recharge

## Support

Please feel free to contact [joney.sui@longan-labs.cc](mailto:joney.sui@longan-labs.cc) if you need tech support





<https://shop.pimoroni.com/products/keyboard-11-7-18>