

T6864-C Power Bank Charging Module

The **T6864-C Power Bank Charging Module** is a compact and practical circuit board designed for building portable power banks and battery-powered electronic projects. This module allows you to charge a **3.7V lithium-ion or lithium-polymer battery** and convert the stored energy into a stable **5V USB output** for charging mobile devices.

The board includes a **battery charging circuit, boost converter, protection circuit, and LED indicators**, making it a reliable and efficient solution for DIY power bank projects and portable electronics.

Key Features

- Model: **T6864-C**
- Input Voltage: **5V**
- Input Ports: **Micro USB / USB Type-C**
- Battery Type: **3.7V Lithium-Ion / Lithium Polymer**
- Output Voltage: **5V USB**
- Output Current: up to **2A**
- Integrated **Boost Converter**
- Built-in **Battery Protection Circuit**
- **LED status indicators**
- Compact and lightweight design

Applications

- DIY Power Bank Projects
- Arduino and Raspberry Pi power supply
- Portable electronic devices
- Lithium battery charging systems
- DIY electronics and maker projects
- IoT devices power management

Advantages

- Small and lightweight design
- Easy to integrate in electronic projects
- Safe battery charging with protection features
- Stable 5V USB output for mobile devices



