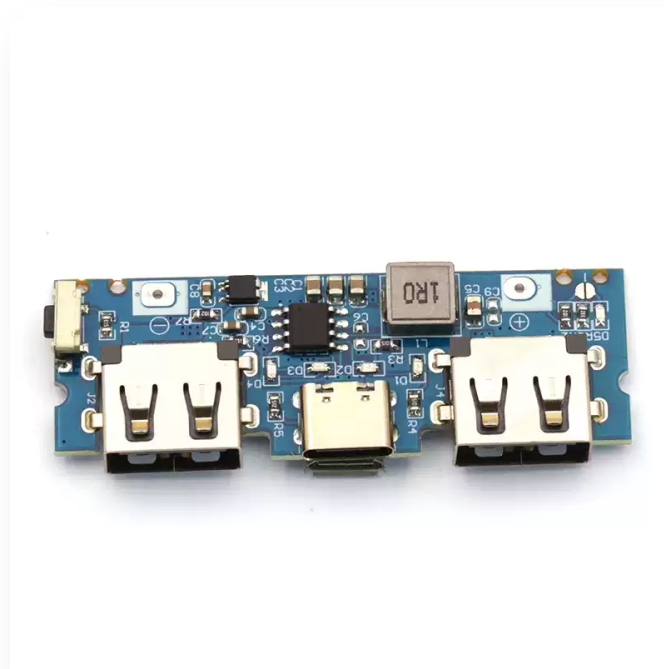


2.4 A Dual-USB Power Bank Controller Board

Type-C rechargeable 5 V boost board for single-cell lithium batteries



Product Overview

A compact power-electronics module documented from the supplied archived product page. The specifications below separate confirmed ratings from operating guidance and identify the exact module variant where the source page contains multiple options.

Electrical and Mechanical Specifications

Parameter	Value
Battery	Single-cell 3.7 V lithium-ion / lithium-polymer
Charging input	USB Type-C
Output	5 V USB
Output ports	Two USB Type-A
Maximum output current class	2.4 A total, subject to battery and thermal conditions
Functions	Battery charging, boost conversion and protection

Key Features

- USB Type-C charging input
- Dual 5 V USB outputs
- 2.4 A output class
- Integrated battery-management functions

Operating Notes

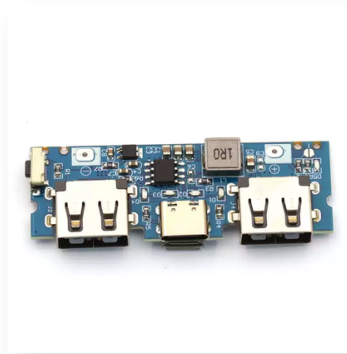
- Use a protected, matched single-cell lithium battery pack.
- Observe B+ and B- polarity.
- Maximum output depends on cell capability, wiring and cooling.

Application and Connection Guide

APPLICATION & CONNECTION

TYPE-C CHARGER

5 V input



DUAL USB LOADS

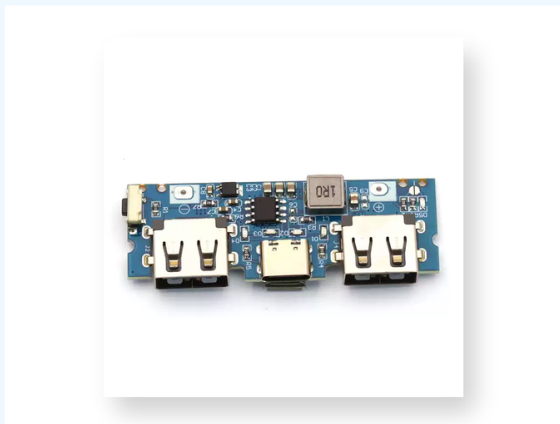
5 V output

Verify polarity and configure voltage/current before connecting the load.

Connection Sequence

1. Confirm the input source is within the stated range. 2. Verify input and output polarity. 3. Configure voltage and current limits with the load disconnected. 4. Connect the load or battery. 5. Monitor temperature during initial operation.

KEY PRODUCT ADVANTAGES



- 1 USB Type-C charging input**
- 2 Dual 5 V USB outputs**
- 3 2.4 A output class**
- 4 Integrated battery-management functions**