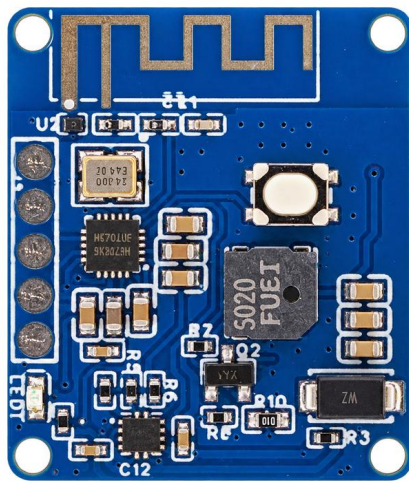




PCBA Module Product Manual

IPJ4022 Tracker PCBA

Find My Hardware | Item Finding | Product Integration



Component side



Battery holder side



Item-finding hardware

For key fobs and luggage tags



Coin-cell powered

CR2032 | Nominal 3 V



Onboard sound alert

Buzzer and tactile button

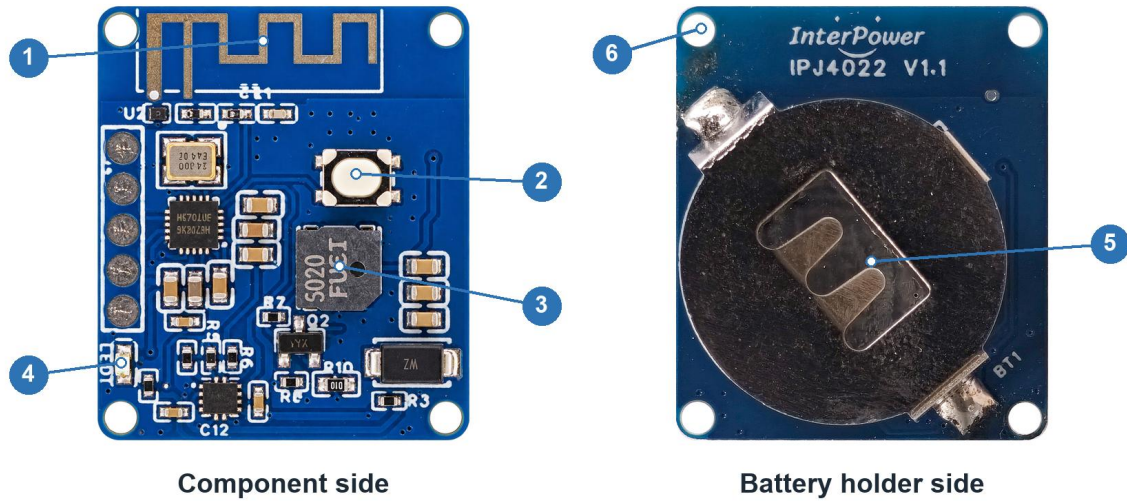
IPJ4022 is PCBA hardware for item-finding products such as key fobs and luggage tags. Customers integrate the enclosure, battery and finished product.

Before use: Customers must apply for Apple MFi themselves and provide valid Token information for the project. Normal pairing and use require us to complete the agreed configuration and validation.

Discovery by an Apple device does not mean authorization is complete or the product is ready for use.

Version V1.0 September 2026 InterPower

1 Hardware and Enclosure Guide



1 PCB antenna

Keep clear of metal

2 Tactile button

Allow access and travel

3 Buzzer

Provide a sound opening

4 Status LED

Leave a visible window

5 Coin-cell holder

Check polarity and contacts

6 Mounting holes

Keep clear of parts and traces

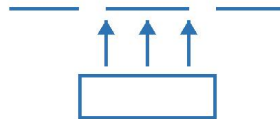
Figure 1. Hardware features; both sides shown at the same scale

Enclosure and Power Essentials



Keep antenna clear

Retest RF after assembly



Provide sound openings

Keep glue and foam clear

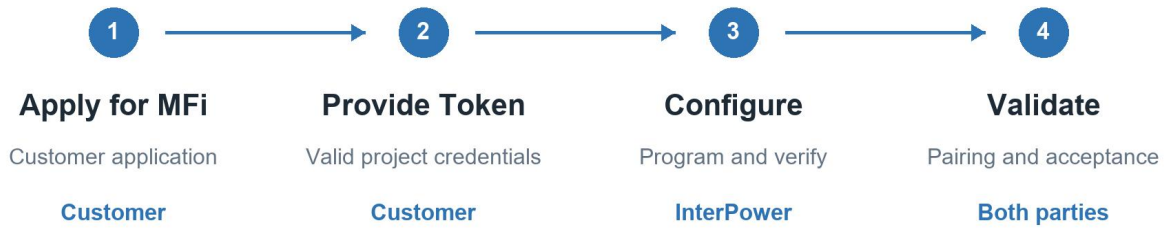


Check battery polarity

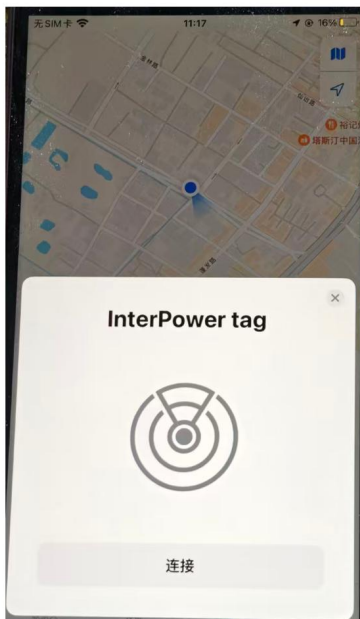
Do not recharge CR2032

Use the engineering files for board dimensions, hole positions, component heights and interfaces. Do not measure from these images. Button actions and indicators follow the supplied firmware instructions.

2 From Hardware to Operation



We supply PCBA hardware. MFi application services are not included. Provide Token information through the agreed channel; configuration scope and project details are confirmed separately.



Discovery example
(original UI in Chinese)

After authorization and configuration

- 1 **Power on**
Install the battery and enter pairing mode
- 2 **Find the item**
Add Other Item in Apple's Find My app
- 3 **Connect and pair**
Follow the onscreen account setup
- 4 **Test operation**
Check sound and location updates

The screenshot shows device discovery only, not completed pairing or certification. Location updates depend on the surrounding Find My network and operating environment; real-time refresh is not guaranteed.

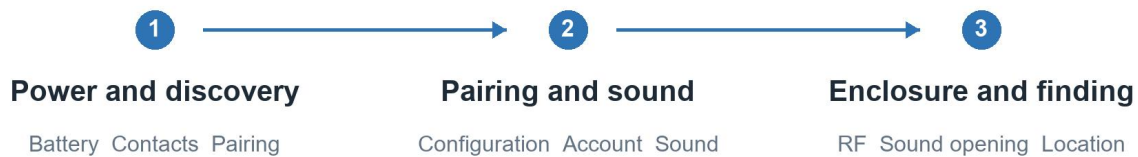
3 Delivery and Contact

Supply and Customer Responsibilities

Our Supply and Support	Customer Responsibilities
IPJ4022 PCBA hardware	MFi application and valid Token information
Agreed module configuration and integration support	Enclosure, battery, mounting structure and packaging
Module documentation and hardware troubleshooting	Finished-product validation, target-market requirements and sample acceptance

The order specifies whether batteries, enclosures or other accessories are included. Both parties confirm the delivery version, firmware configuration, quantity and acceptance criteria.

Three Stages of Sample Testing



If discovery works but pairing fails, first check Token configuration and account association. Before transferring to another account, remove the item from the original account, then reset it as instructed.

Contact InterPower

WhatsApp

+86 138 2963 2935

WeChat: Scan the QR code on the right

Website: <https://interpower-pcba.com/>



WeChat QR code

Please include the estimated quantity, MFi application status, device name, enclosure plan and project schedule in your inquiry.