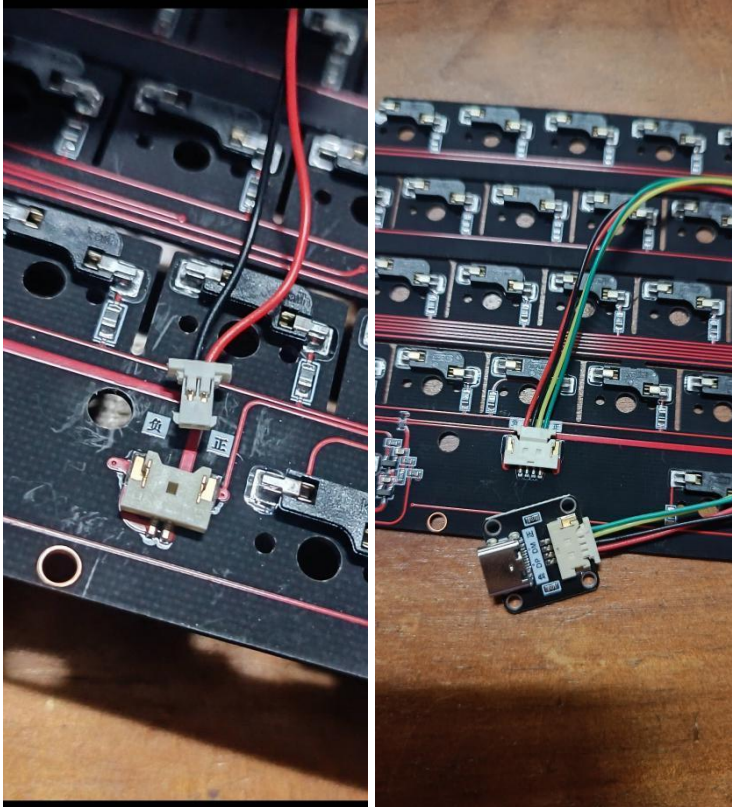
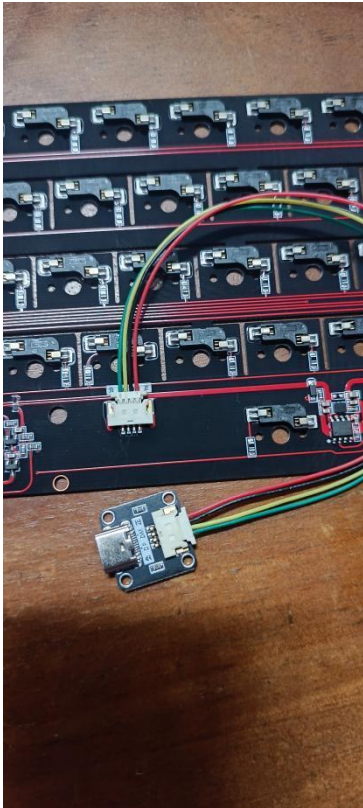


Ensuring Proper Connections

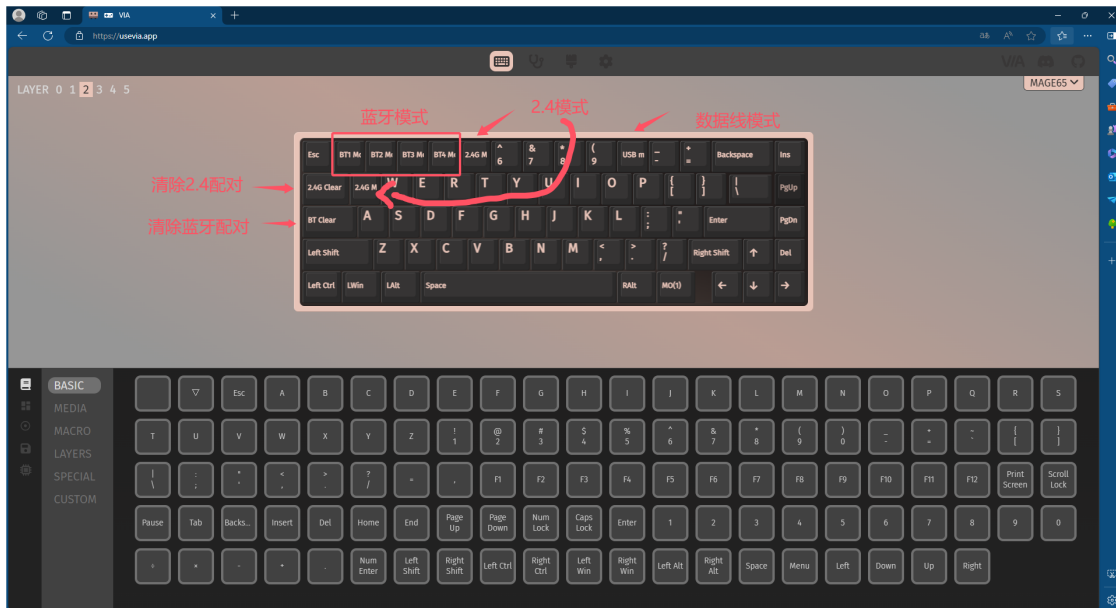
- Ensure the battery wiring is correct (**red to positive**).
- Ensure the ribbon cable is properly connected (**both the small board and the mainboard have positive and negative markings—match positive to positive and negative to negative**). The same-colored wire serves as a connection; you do not need to worry about the plug's orientation.





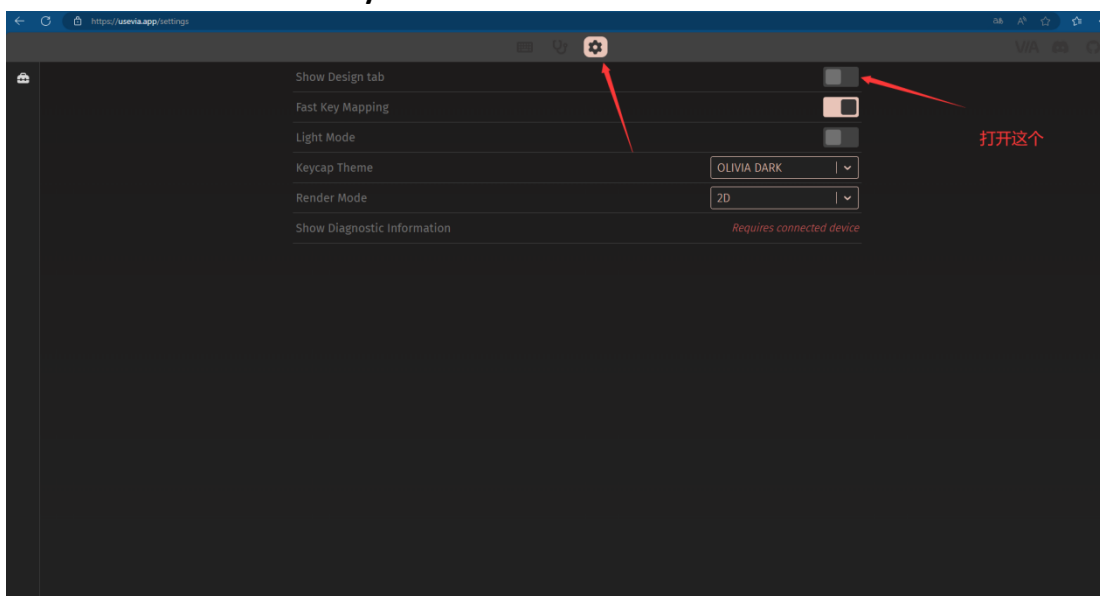
Checking Data Connection

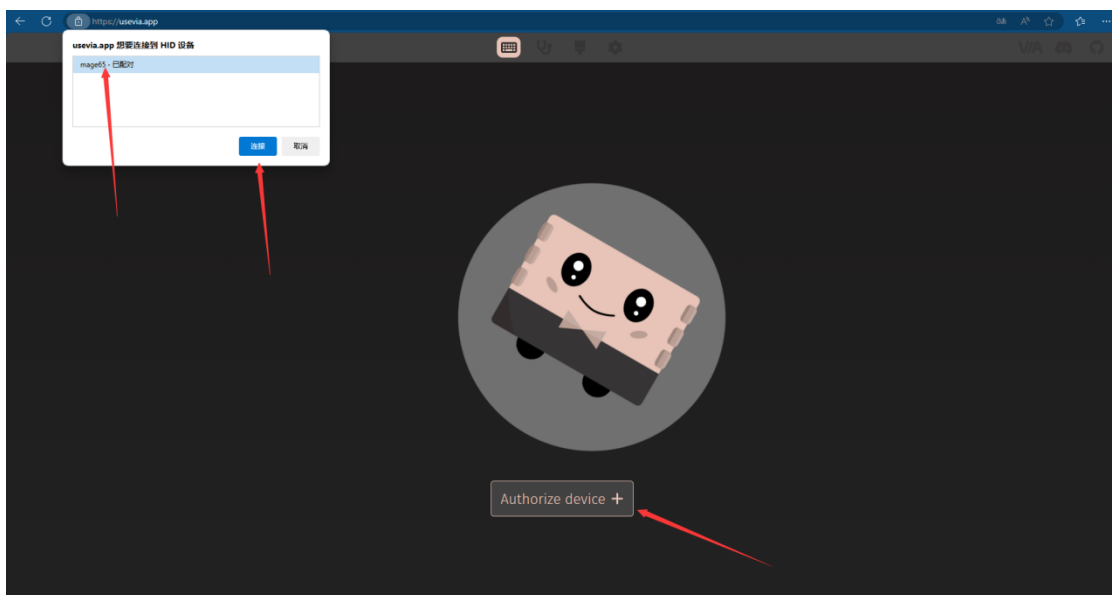
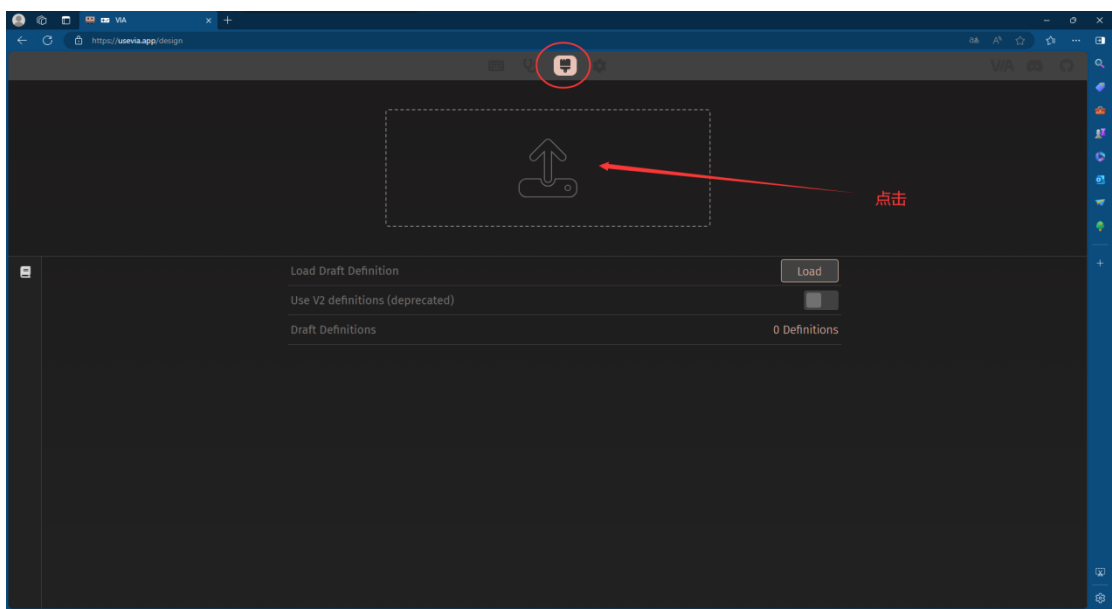
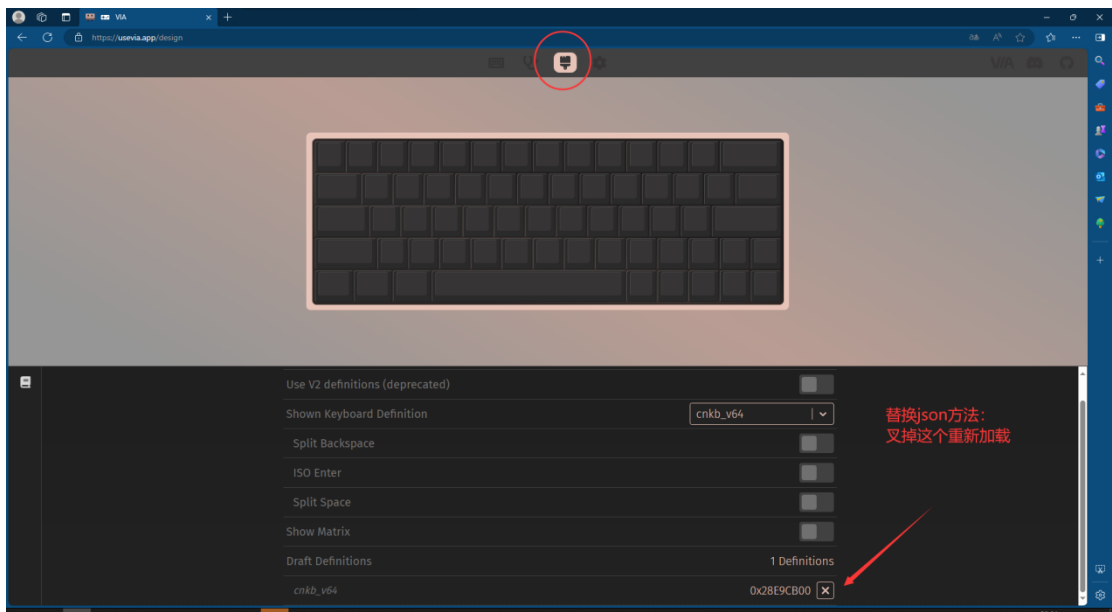
- **When the data cable is plugged in:**
 - The computer should make a notification sound.
 - Turning on the Caps Lock will light up the indicator.
 - Typing should be functional.
- **If there is no notification sound:**
 - The device may not be in **data cable mode** (Press **FN + Shift + 0** to **switch to data cable mode**).
 - (FN is the second key to the right of the spacebar.)
 - (Make sure you are pressing the correct "0" key.)
 - Alternatively, check whether the ribbon cable is correctly connected.

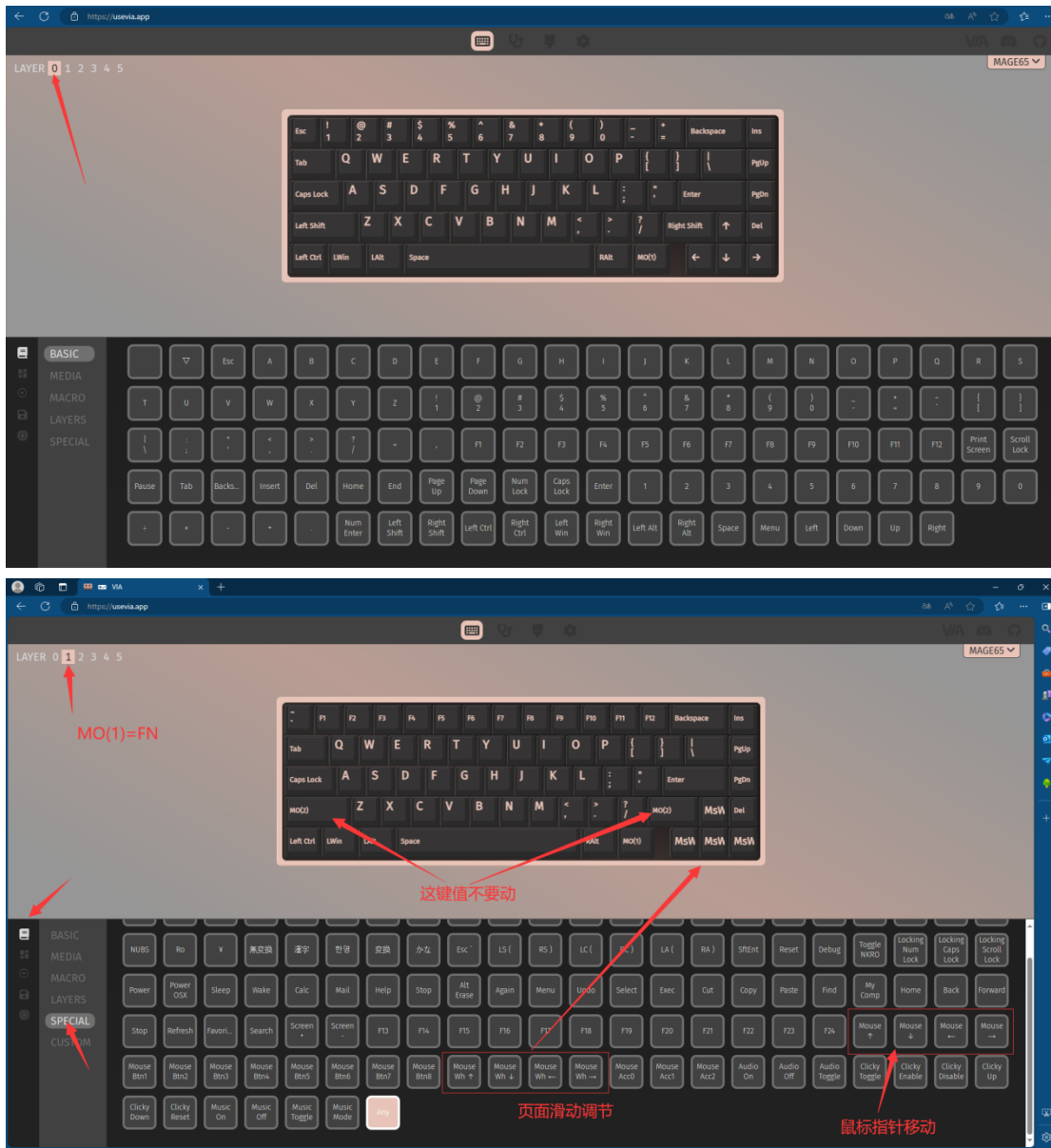


Customizing Keys & Settings

1. Visit the **VIA website**: <https://usevia.app/>
2. Load the file `mage65_JSON.json` to:
 - **Remap keys**
 - **Adjust the "ISO Enter" key**
 - **Set sleep time**
 - **Check battery level**







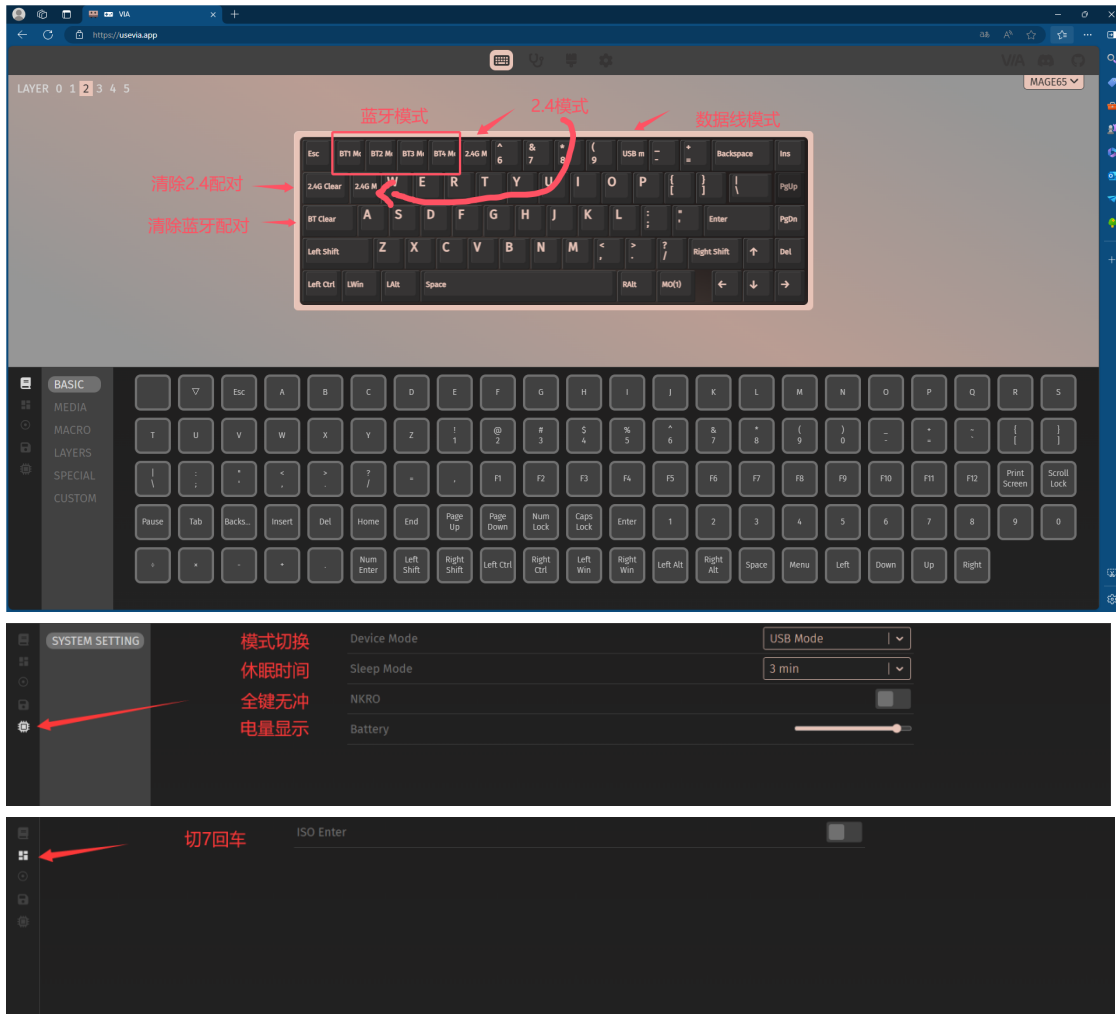
Mode Switching Guide (Short Press)

- **USB Mode:** FN + Shift + 0 (Allows direct typing via cable)
- **Bluetooth Mode:**
 - FN + Shift + 1 (Switch to Bluetooth, then connect from the computer)
 - FN + Shift + 2 (Switch to Bluetooth, then connect from the computer)
 - FN + Shift + 3 (Switch to Bluetooth, then connect from the computer)
 - FN + Shift + 4 (Switch to Bluetooth, then connect from the computer)
- **2.4G Receiver Mode:**
 - FN + Shift + 5 (Switch to 2.4G mode, then plug in the receiver)
 - Or FN + Shift + Q (Switch to 2.4G mode, then plug in the receiver)

Important Notes

- **Clearing Pairing Information**

- FN + Shift + Tab: **Clear 2.4G receiver pairing** (Must do this before first-time pairing or after each firmware upgrade).
- FN + Shift + Caps Lock: **Clear Bluetooth pairing** (Must do this before first-time pairing or after each firmware upgrade; remove the old pairing from the computer and reconnect).



Firmware Upgrade Instructions (Flash with QMK Tool Box):

1. Switch to data cable mode and ensure typing works.
2. Unplug the 2.4G USB receiver and data cable (For models with a switch, turn it off first).
3. Press and hold Esc + 2, then plug in the data cable (For models with a switch, turn on the switch simultaneously).
4. Immediately release both keys.
5. A USB drive window will pop up.
6. Drag the new firmware file into the USB drive, replacing the old one.
7. Wait for the USB drive to automatically close—this means the upgrade was successful.

