



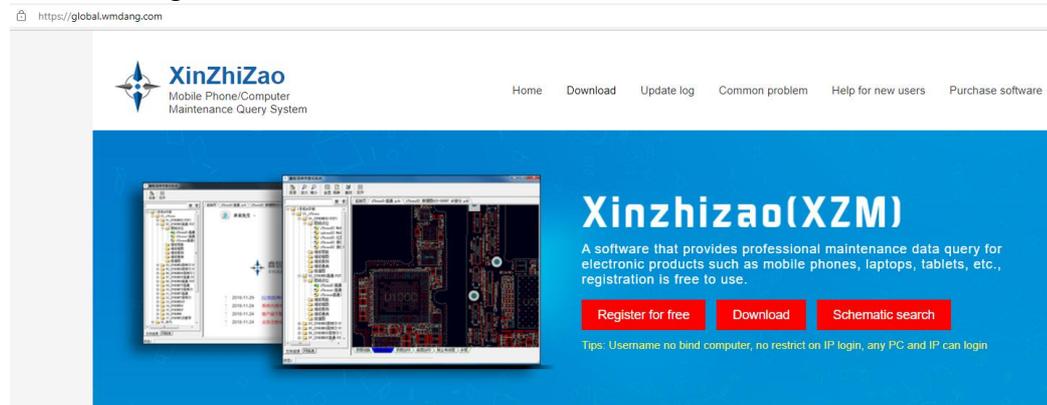
Manual for PC V4.XX

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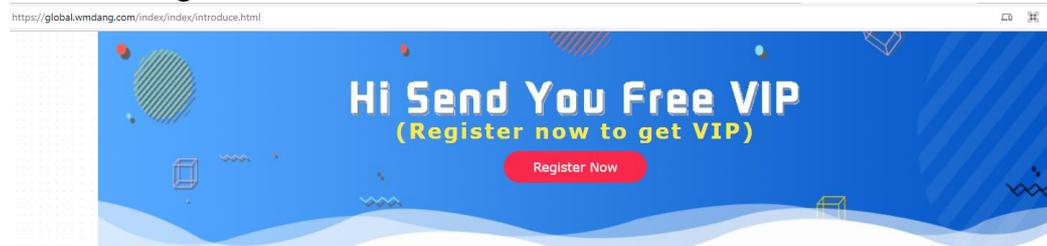
1. Register

① Open XinZhiZao official website (<https://global.wmdang.com/>);

② Click "Register for free" button;



③ Click "Register Now" button;

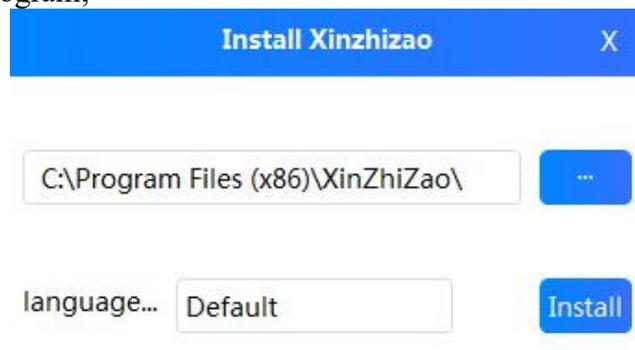


You can register with Facebook account, Google account or Email.



2. Login

① After downloading the installer, you can click the "Default" to set the language of program;



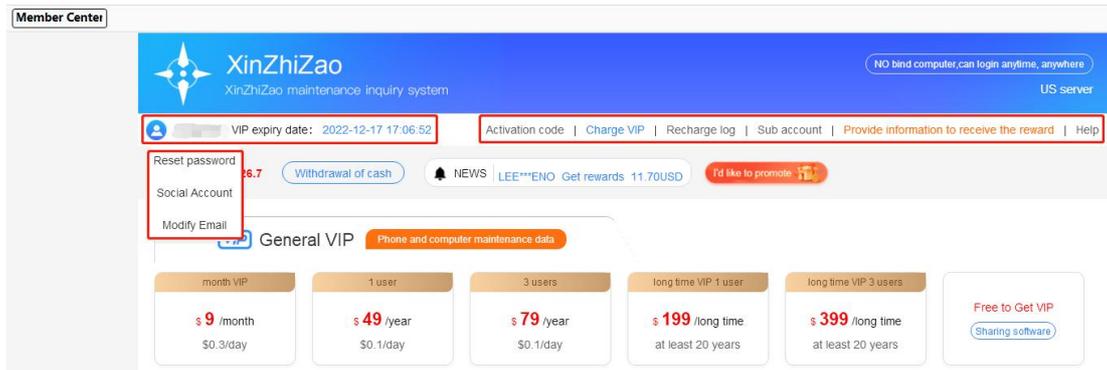
② Click "Install" button, you can login with Google account, Facebook account, username or registration Email;



3. Interface introduction

3.1 Members Center

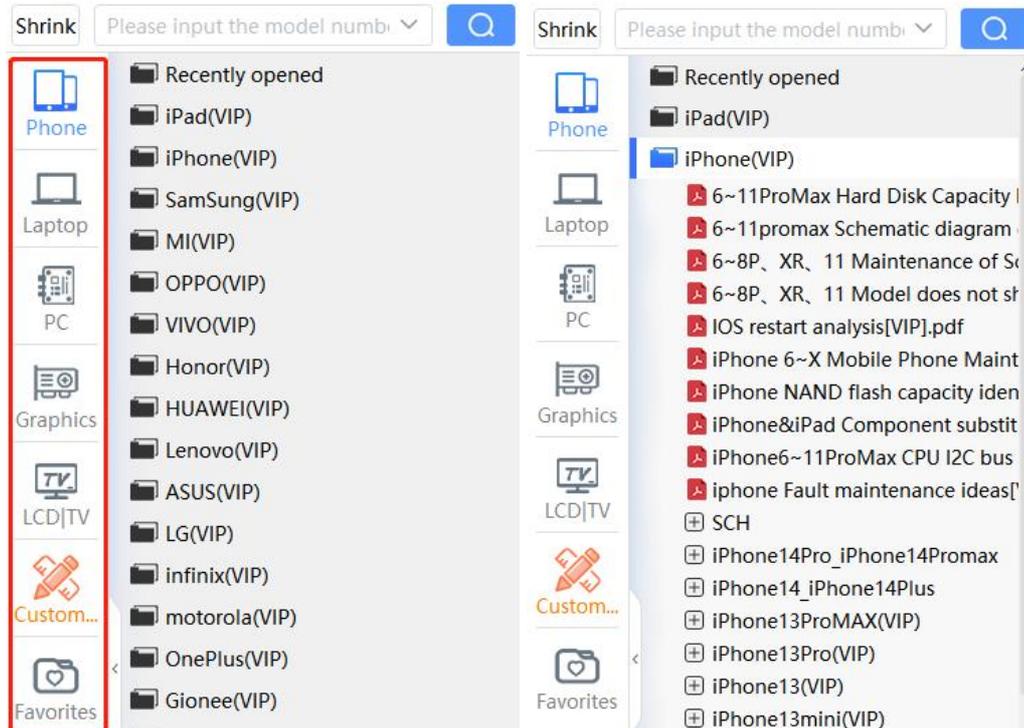
In Member Center, there are "VIP expiry date", "Withdrawal of cash", "Activation code", "Charge VIP", "Recharge log", "Sub account", "Provide information to receive the reward", "Help", "Reset password", "Modify Email" and "Sharing software".



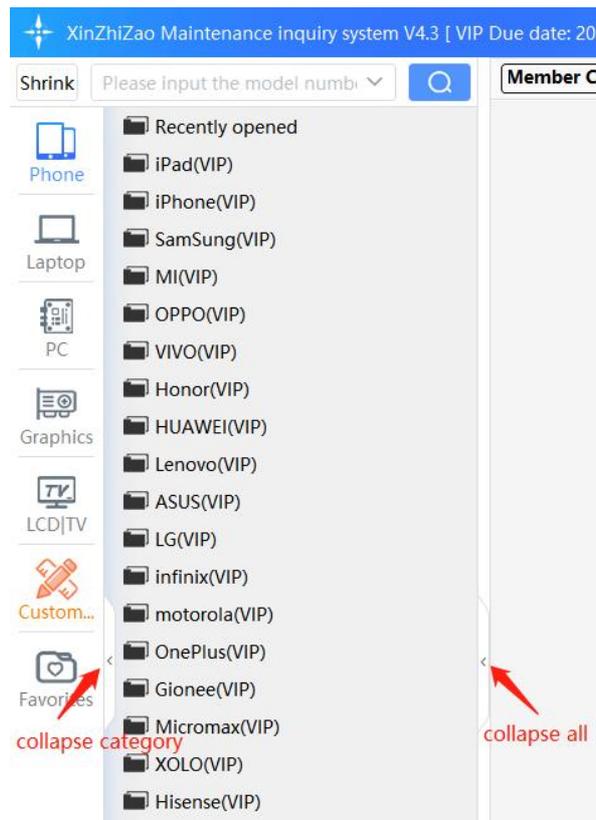
3.2 Catalogue introduction

In Catalogue, there are "Phone/Tablet", "Laptop", "PC", "Graphics", "LCD/TV", "Customize", "Favorites".

Folders with a "+" in front of them, means they have a next level directory or file, folders without a "+" in front of them, means they do not have a next level directory. Ordinary folders are free to use forever, folders with VIP require VIP membership(see below). Bitmaps are in pcb/fz/brd etc format, schematics are in pdf format.

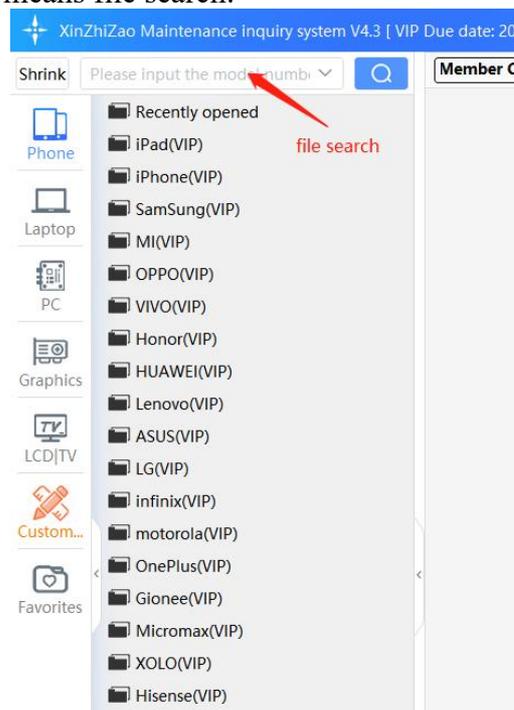


There are 2 collapsing functions in directory: collapse category and collapse all.



4. Search function

The search function means file search.

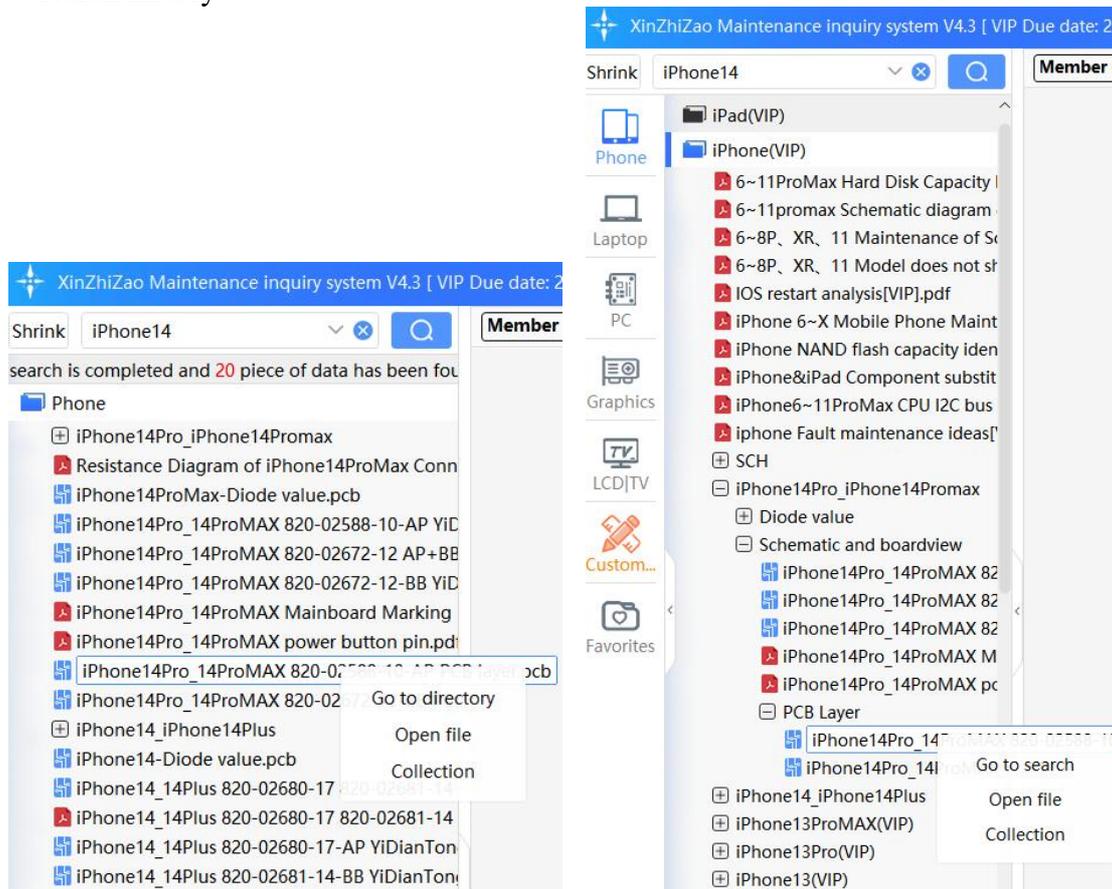


File search supports fuzzy query, enter keywords, click "search" button, all matching files will be listed, right click on a file to view "Go to directory", "Open file", "Collection";

After opening the directory where the file is located, right-clicking can also switch back to the search function;

The search box has its own search memory function, and the keywords of the searched content can be recorded and displayed;

Clicking "Reset" button will return to the state before the search and clear the search history.

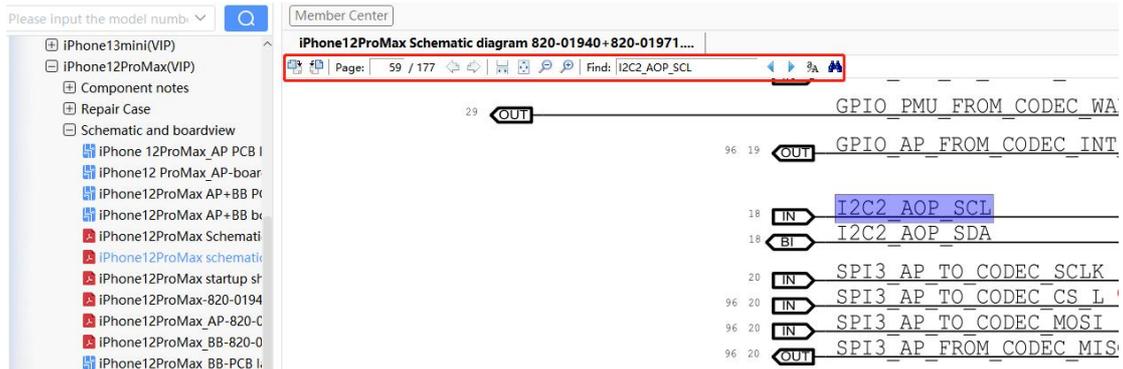


5. Use XinZhiZao

5.1 PDF Reader

The PDF Reader contains buttons in order: Turn Right, Turn Left, Page Number, Previous Page, Next Page, Fit Page, Zoom Out, Zoom In, Find, Find Previous, Find Next, Match Case, Find All.

Note: Roll the mouse wheel to quickly zoom the PDF, hold to drag the page. Double-click the signal name to automatically copy and paste it to the Find Box.



5.2 PCB BoardViewer

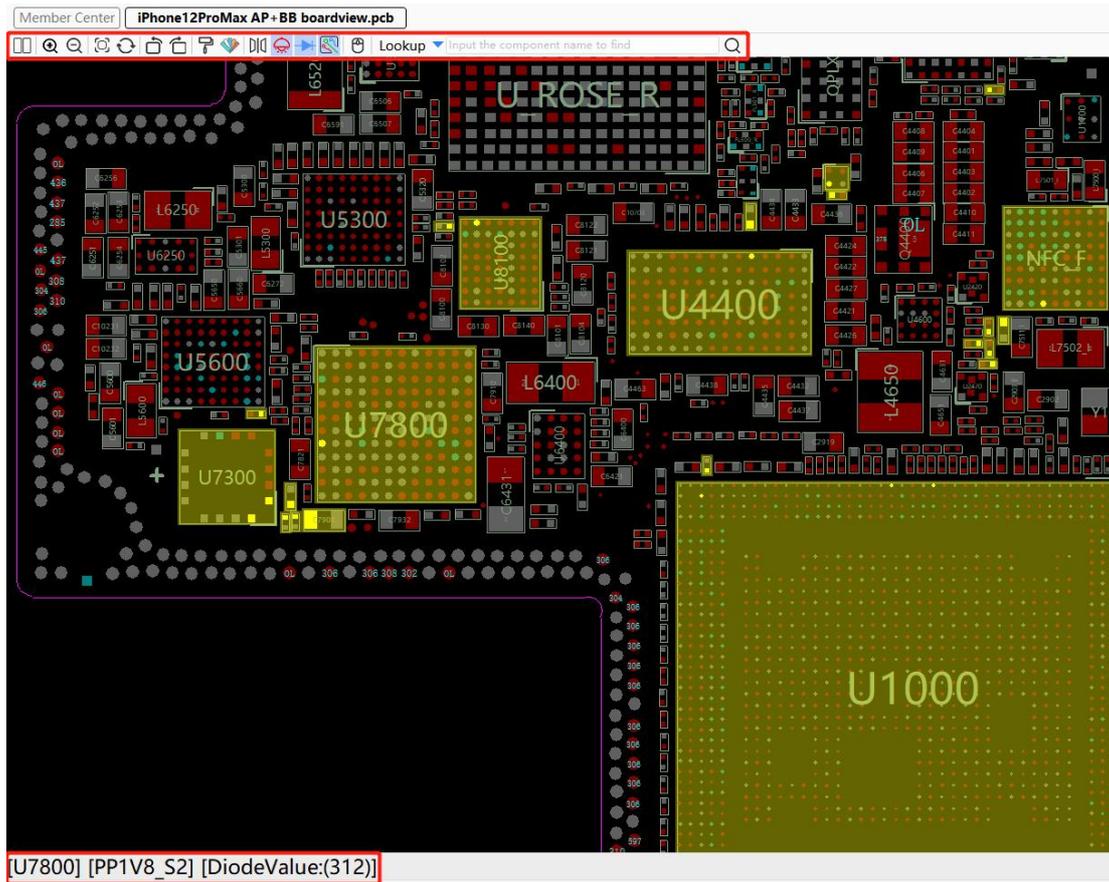
In the BoardViewer, you can press and hold the left and right mouse button to drag the BoardViewer, use the scroll wheel to zoom, and when the mouse stays on the component pin, the detailed information of the current pin will be displayed.

In BoardViewer mode, the toolbar buttons are as shown in the figure, and several main functions are introduced below.



5.2.1 Highlighting components

When the component pin is clicked, the component pins with the same signal will be highlighted and the component is also highlighted (this function can be switched on/off with the "🔍" button, the default is switched on), red colour pin means the signal or power supply, when it is selected, all components connected to this pin will be highlighted and the bottom shows the diode value, voltage of this pin at the same time.



5.2.2 Colour setting

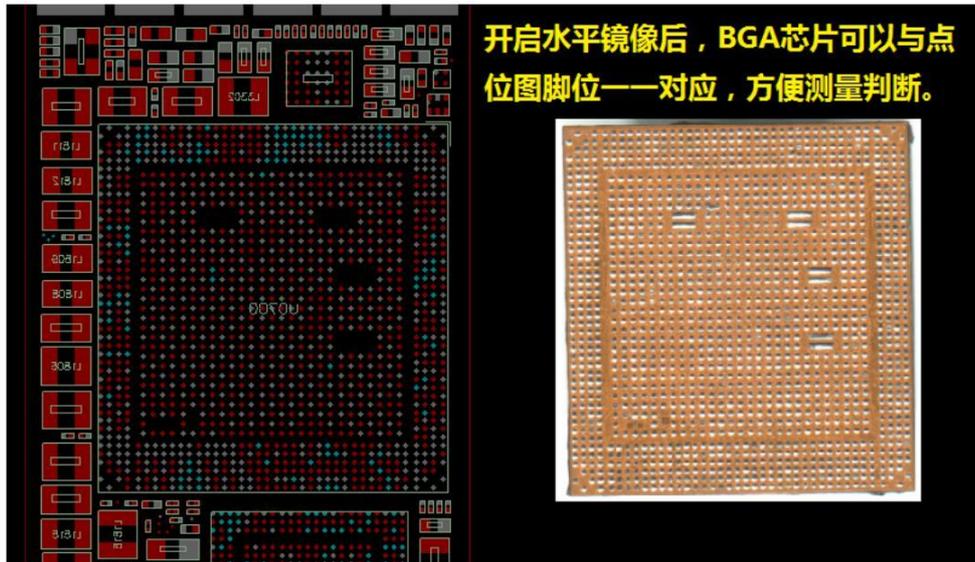
With the "🎨" button, you can set mixing colour of BoardViewer. The default mode is red and black, option modes are yellow-grey (BlackBoard) and yellow-green (BlackBoard2), and you can also customize the colour configuration.





5.2.3 Mirror function

The mirroring function is mainly used for advanced maintenance, to facilitate the measurement of whether the BGA chip is damaged or not. When clicking on the "D|D" mirror, the BGA chip is turned over horizontally and the corresponding pin diode values can be measured against one another to determine if the chip is damaged.



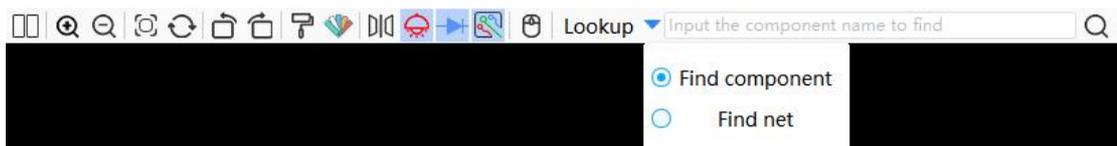
5.2.4 Diode value

Clicking on the "D|D" button toggles the display or hiding of the diode value, when the BoardViewer is opened, the diode value is displayed by default.



5.2.5 Lookup function

Click the triangle "▼" next to the "Lookup" button to toggle the lookup between components and signals in the BoardViewer, fuzzy lookup also is supported.

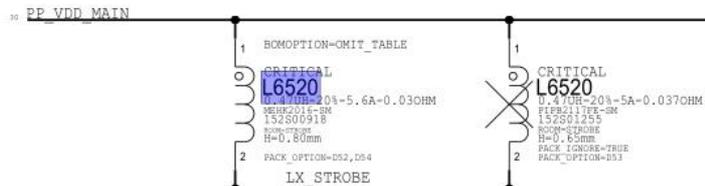
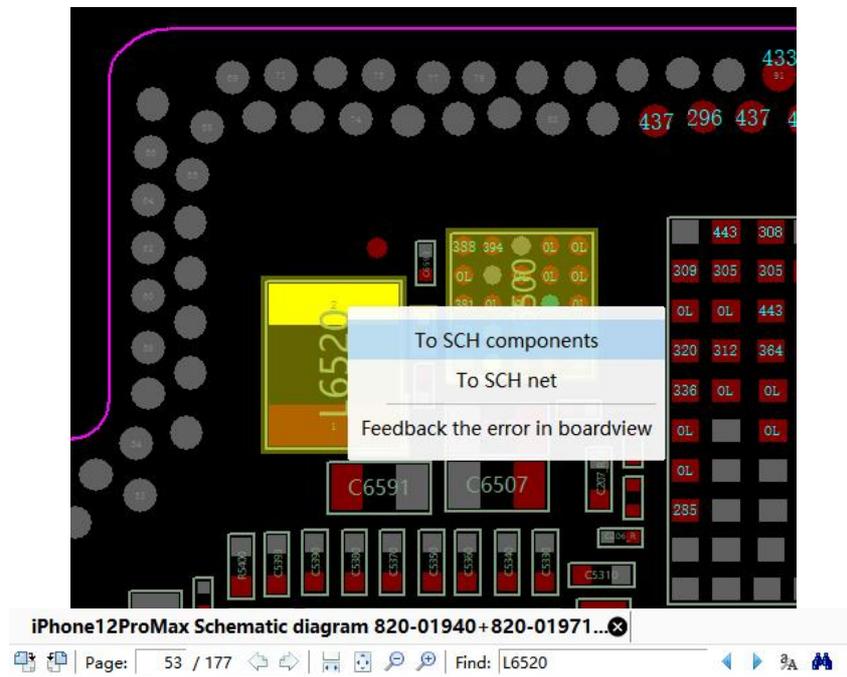


5.2.6 File interchange

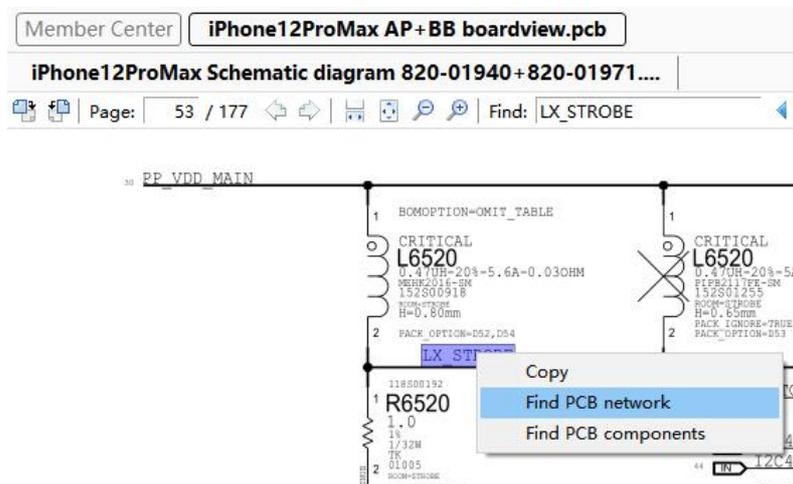
BoardViewer jump to schematic, schematic jump to BoardViewer.

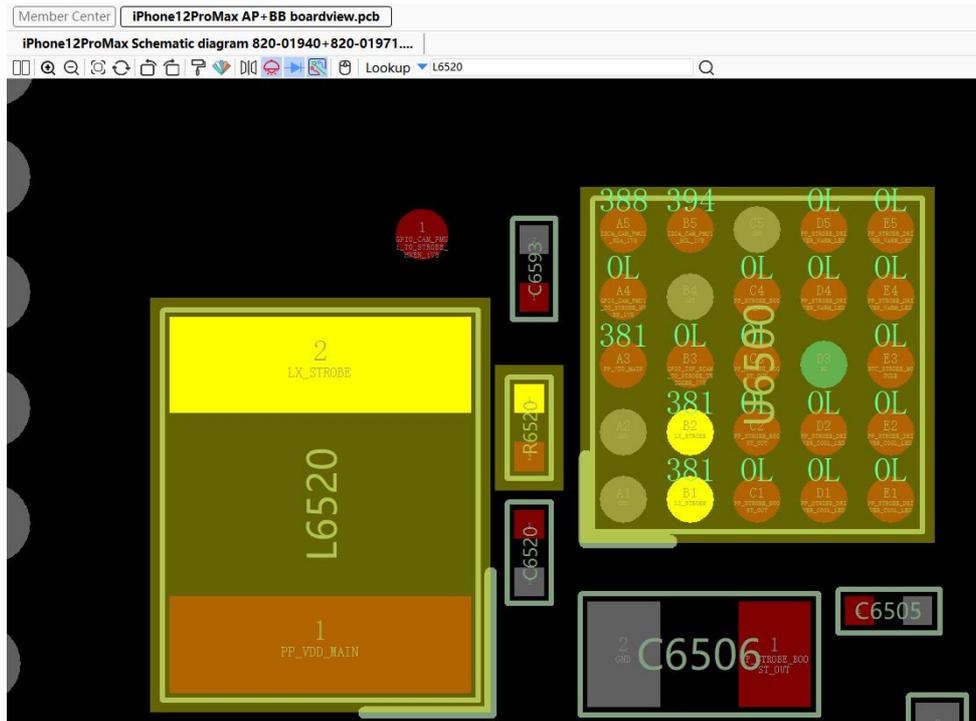
BoardViewer jump to schematic: Making sure both BoardViewer and schematic are open, left click the component pin to be queried in the BoardViewer, then click

the right button to jump to the component or signal in the schematic, the program will automatically jump to the corresponding location in the schematic. (In some cases, the schematic needs to be used in conjunction with the "Find Next")



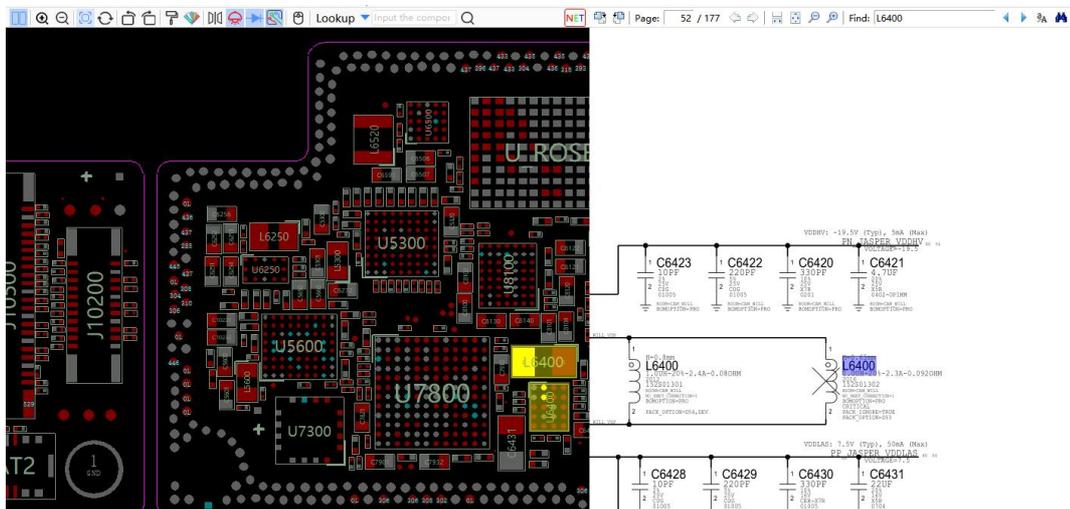
Schematic jump to BoardViewer: Double click the component position number or signal name, then click right mouse, there will be options, click the corresponding option to automatically jump to the corresponding position in the BoardViewer.





5.2.7 Double display

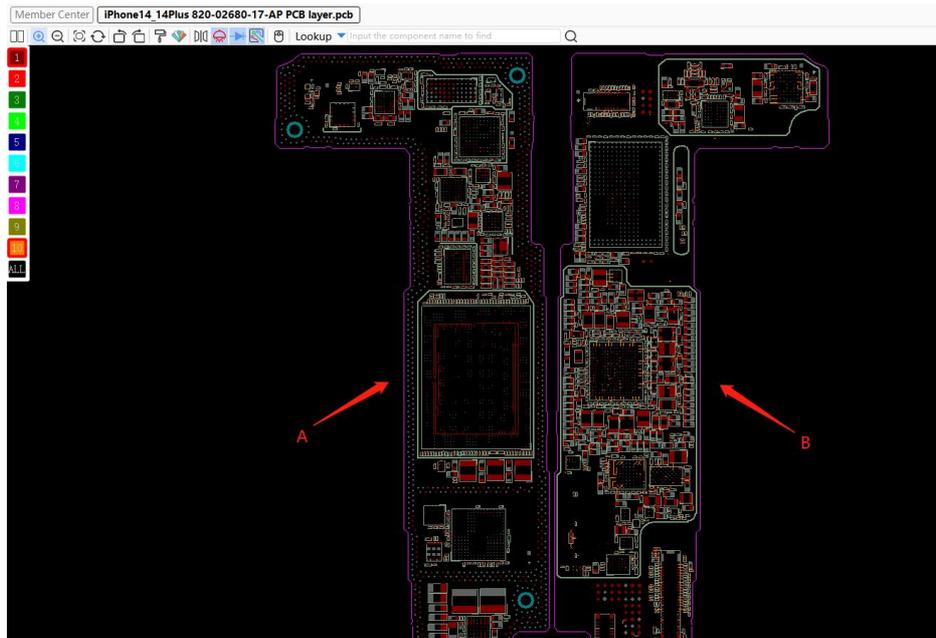
Click on the "  " button, double display function will be turned on. (Need to open both the schematic and the BoardViewer to enable this function)



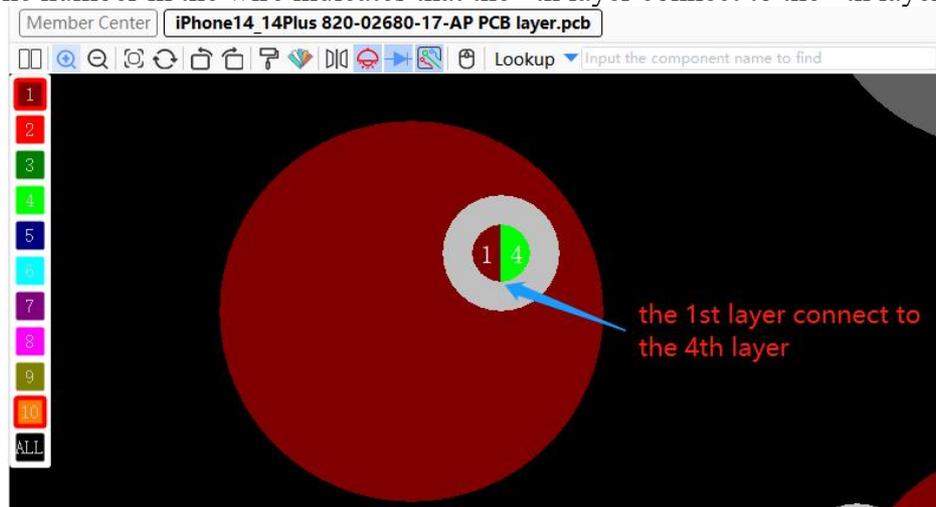
5.3 PCB Layer

Click on the "  " wire button to show or hide the copper skin wire function, the default is to show.

After opening the BoardViewer file, you can see A, 2, 3, 4, 5, 6, 7, 8, 9, B, ALL layer, both of the layer can be clicked to display the copper skin wire of the corresponding PCB layer as required.

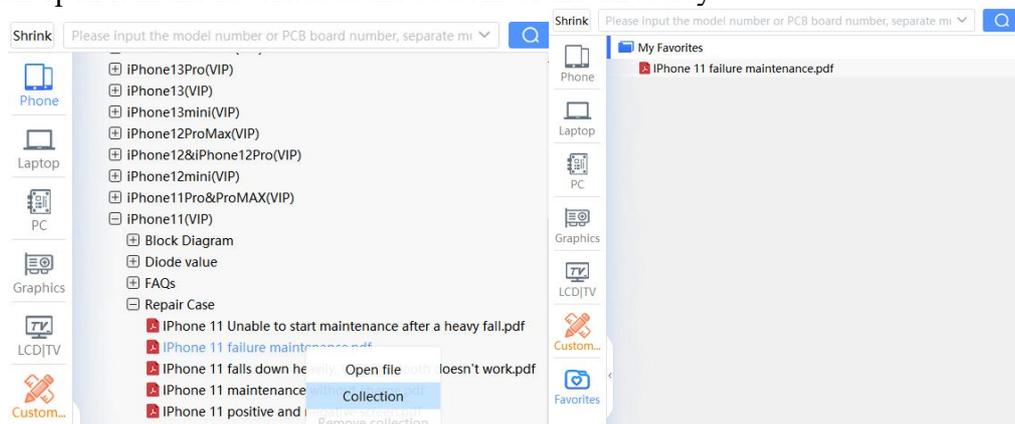


The number in the wire indicates that the *th layer connect to the *th layer.



5.4 Favorites

Right-click on the file that needs to be opened frequently, add it to favorites, and then open it in the favorites at the bottom of the directory.

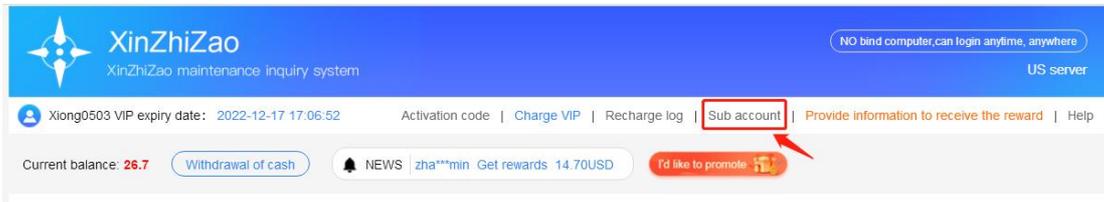


6. Three users account

XinZhiZao accounts are divided into one user account and three users account. No bound to the computer. One user account can be used on any computer, but it is not possible to login on two computers at the same time. Three users account can log in three arbitrary computers at the same time through the sub-account function. The sub-account management entry is on the top bar of the member center.

Sub-account usage scenes: The boss is the main account, after logging in, two sub-accounts are generated in the sub-account management for the staffs to use, so that three computers can log in at the same time.

The name, password, and validity period of the sub-accounts are completely controlled by the boss.



When adding a sub-account, please refer to the picture below, pay attention to read the prompt message clearly.

Add User
— □ ×

191686994:

Password

Expire Date no more than: 2068-12-03 08:17:56

Disable NO Yes
 Cannot log in after selecting "Yes"

Sub Account UserName:
191686994:01

One main account can add two sub-accounts (banned sub-accounts are not counted), the username format of sub-account is [main account: sub-account], please pay attention when logging in!

Sub-Account Management Two sub-accounts can be added to the main account(disabled sub-accounts do not accumulate),

Multi-account VIP expiry date: 2068-12-03 08:17:56

ID	Username	Status	Open time	Expiry time	Operation
270837	191686994:02	normal	2022-12-13 17:40:59	2023-12-13 17:40:55	<input type="button" value="Edit"/>
270836	191686994:01	normal	2022-12-13 17:40:40	2023-03-13 17:40:28	<input type="button" value="Edit"/>



7. Q&A

- ① This schematic program will access the server in the background during the running process, which will consume some of your network traffic and host resources, and it will not work if the network is disconnected. If you do not agree, please exit this schematic program immediately and delete it!
- ② This schematic program is safe for your computer. It will cache the files during operation to speed up the access speed. It will modify the files during the upgrade, which may cause false positives from antivirus software & security software. This situation is safe, please use it with confidence.
- ③ When cannot log in, please check whether there is a problem with the network, whether the software is the latest version (download the latest version <https://global.wmdang.com/>), or the server is being upgraded and maintained.
- ④ When opening the BoardViewer file and an error message occurred:
 - 1). The BoardViewer file is non-PCB format, such as fz format, bv format, brd format, etc., need to open with the third-party software. This program has been integrated in the folder named BIN, which in the XinZhiZao installation directory.
 - 2). When opening BoardViewer and an error message occurred immediately, first of all, please confirm whether the computer is installed with .netframework. If the software can be opened but the BoardViewer opens with an error message, you can click Options-Graphics, select GDI, and drag it to the far right. The detailed tutorial, please refer to <https://www.chinafix.com/thread-1231576-1-1.html>.
- ⑤ Other questions, you can contact our XinZhiZao customer service for help, we will try to solve it.



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