



孕龍科技股份有限公司
ZeroPlus Technology Co., Ltd.

SPECIFICATION

MODEL: LPC-SERIRQ Specification

PART NO : 023

VERSION : V1.04

Approver		Check	Design
GM	PM		

Customer Confirm

* Please fax the file
to ZeroPlus
Technology after
signing .

2F, NO.123, Jian Ba Rd,
Chung Ho City, Taipei Hsian, R.O.C.

Tel: +886-2-66202225
Fax: +886-2-22234362



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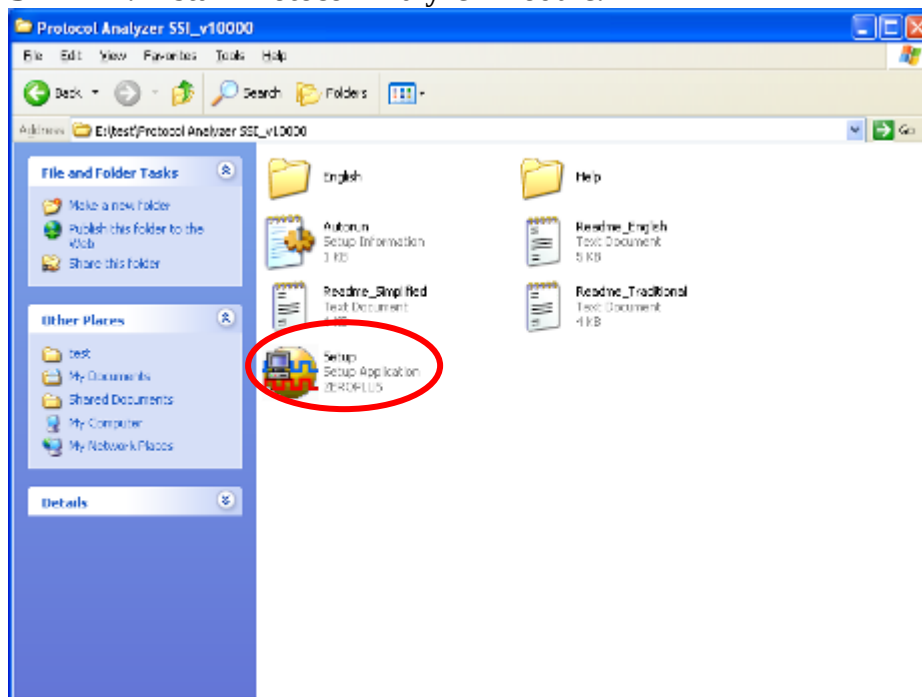
1 Software Installation

Please install the software as the following steps:

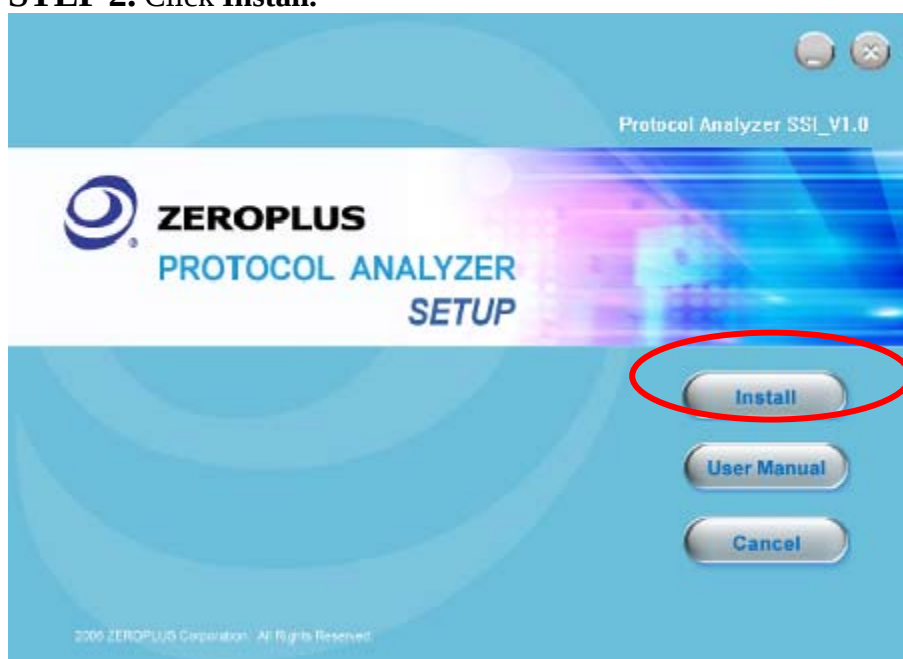
※ Remark: 1. The installation steps for all protocol analyzers are the same; you can complete the installation by following procedures. The following is an example to install protocol analyzer SSI.

※ Remark: 2. We won't have additional notice for you, when there is any modification of the module specification. If there is some unconformity caused by the module version upgrade, users should take the module software as the standard.

STEP 1. Install Protocol Analyzer Module.

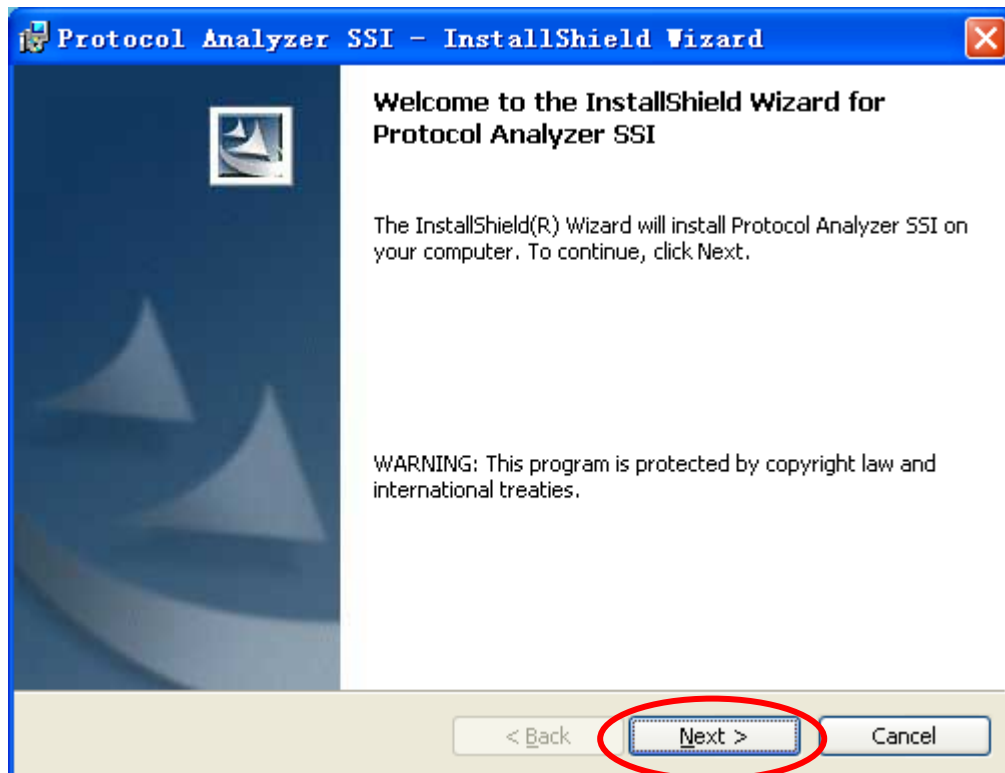


STEP 2. Click Install.

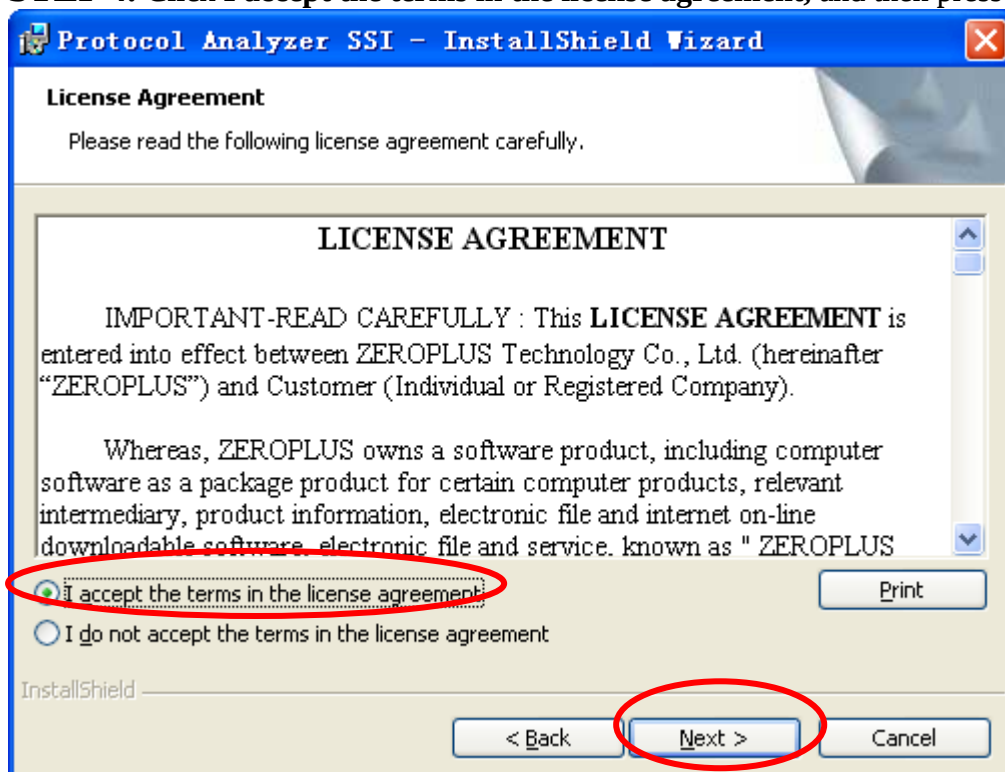




STEP 3. Click Next.



STEP 4. Click I accept the terms in the license agreement, and then press Next.





STEP 5. Fill users' information , then click **Next**.

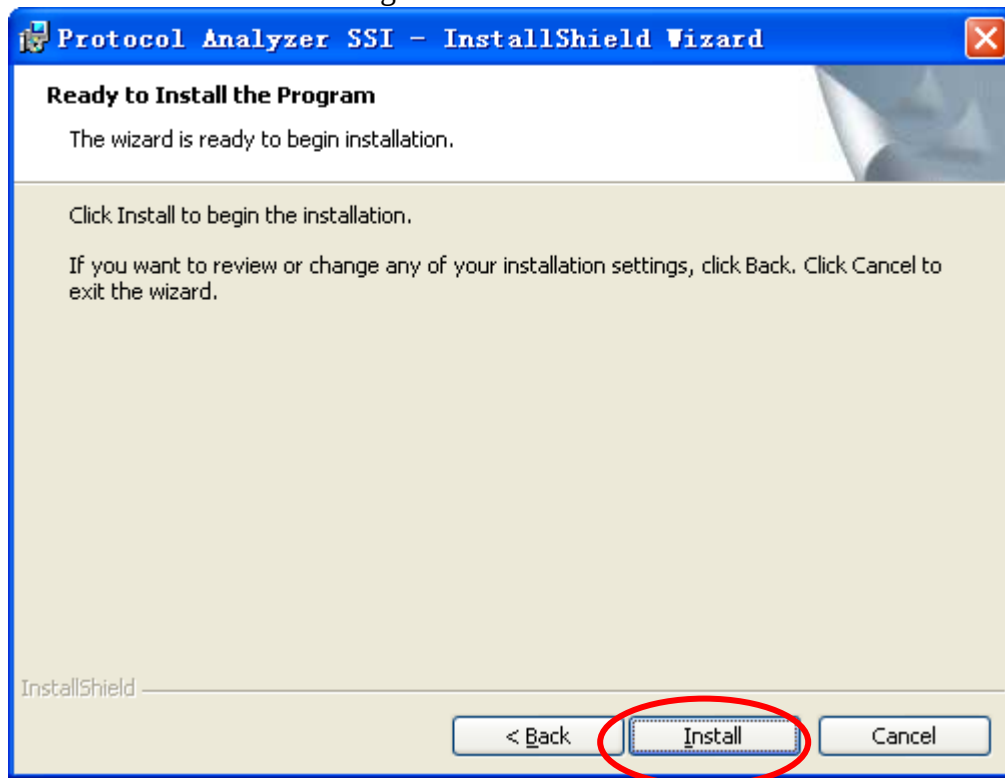
The screenshot shows the 'Customer Information' screen of the 'Protocol Analyzer SSI - InstallShield Wizard'. The title bar reads 'Protocol Analyzer SSI - InstallShield Wizard'. The main heading is 'Customer Information' with the instruction 'Please enter your information.' Below this, there are two text input fields: 'User Name:' containing 'sunshine' and 'Organization:' containing 'zeroplus'. Further down, under the heading 'Install this application for:', there are two radio button options: 'Anyone who uses this computer (all users)' (which is selected) and 'Only for me (微软用户)'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is circled in red.

STEP 6. At first, select the **Complete** option, and then click **Next**.

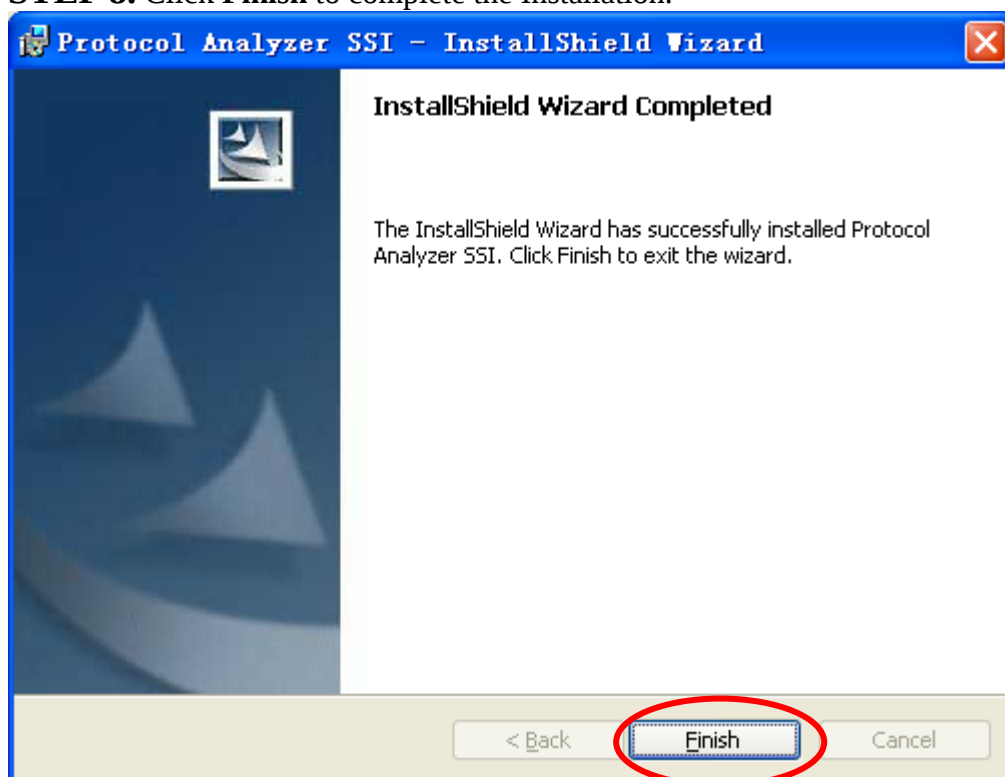
The screenshot shows the 'Setup Type' screen of the 'Protocol Analyzer SSI - InstallShield Wizard'. The title bar reads 'Protocol Analyzer SSI - InstallShield Wizard'. The main heading is 'Setup Type' with the instruction 'Choose the setup type that best suits your needs.' Below this, there is a prompt 'Please select a setup type.' and two options: 'Complete' (selected) and 'Custom'. The 'Complete' option is accompanied by a computer icon and the text 'All program features will be installed. (Requires the most disk space.)'. The 'Custom' option is accompanied by a computer icon and the text 'Choose which program features you want installed and where they will be installed. Recommended for advanced users.' At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is circled in red.



STEP 7. Click **Install** to begin the installation.



STEP 8. Click **Finish** to complete the Installation.

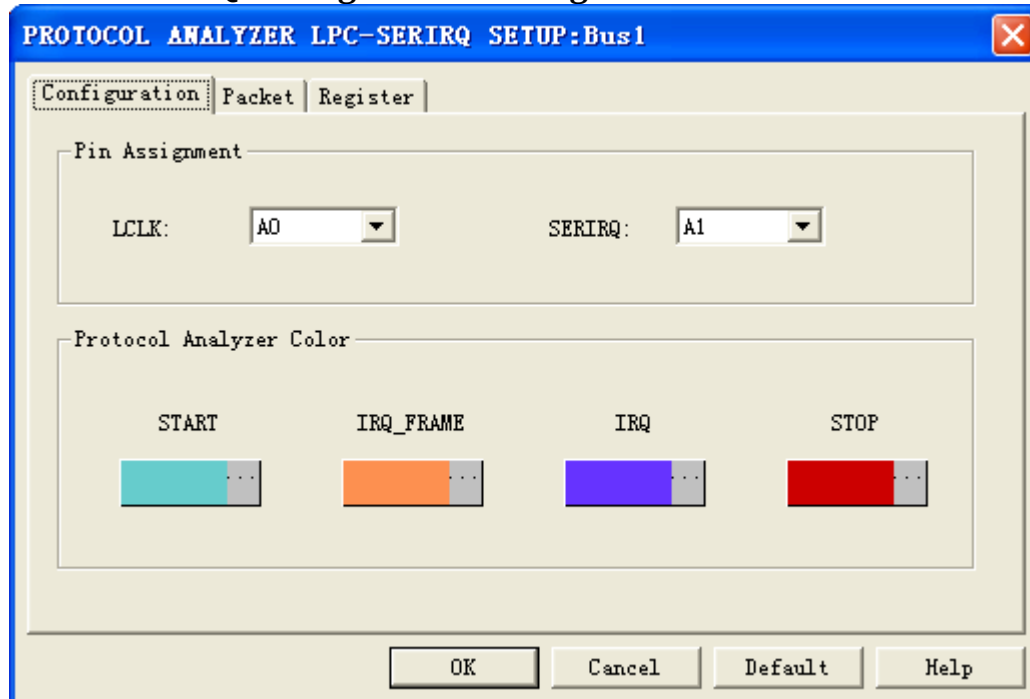




2 User Interface

Please refer to the below images to select options of setting **LPC-SERIRQ MODULE**.

LPC-SERIRQ Configuration Dialog Box



Pin Assignment:

LCLK: The default is A0.

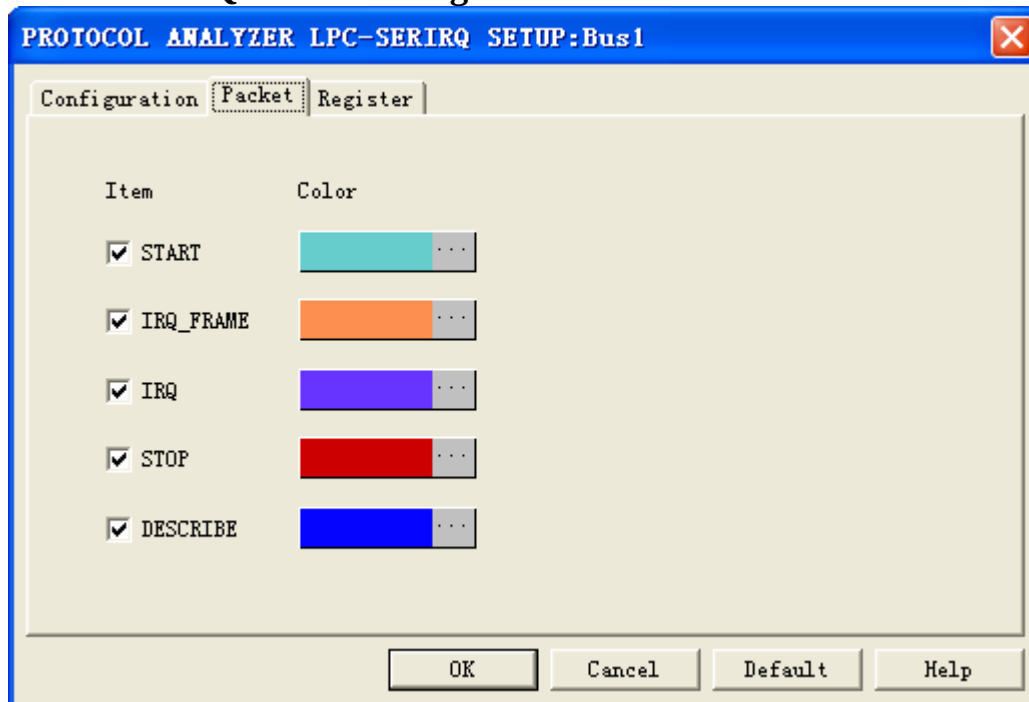
SERIRQ: The default is A1.

Protocol Analyzer Color:

The protocol analyzer color can be varied by users; red color indicates error.

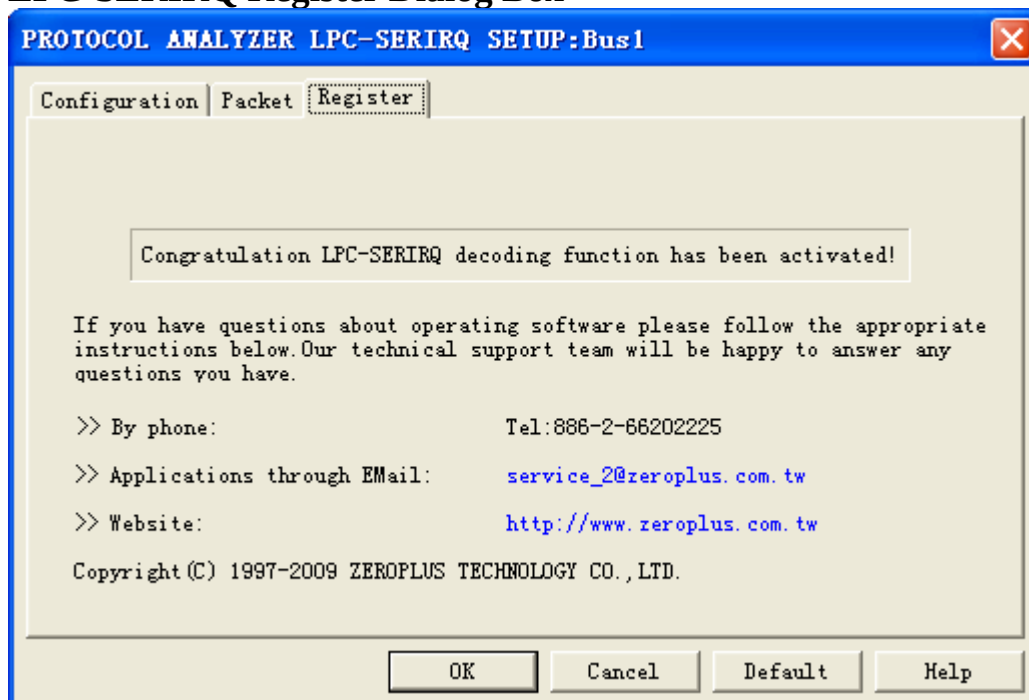


LPC-SERIRQ Packet Dialog Box



In the packet dialog box, users can vary the color of items.

LPC-SERIRQ Register Dialog Box

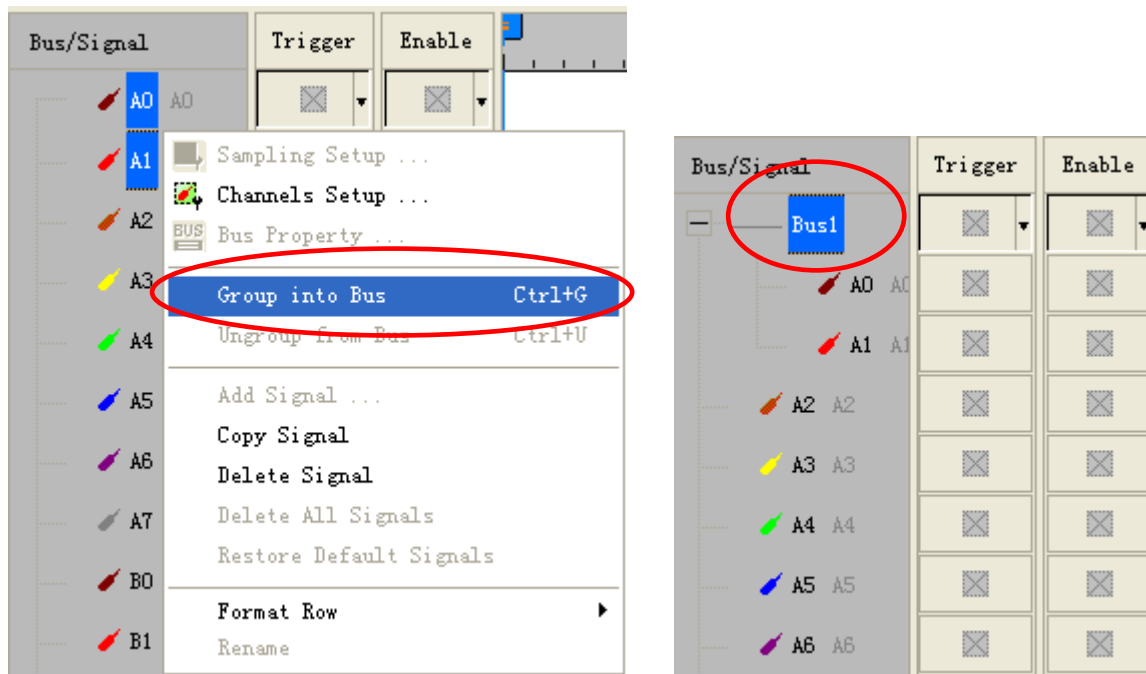


There is ZeroPlus company information. If users have questions about software operations, they can contact ZeroPlus by Telephone or Email.

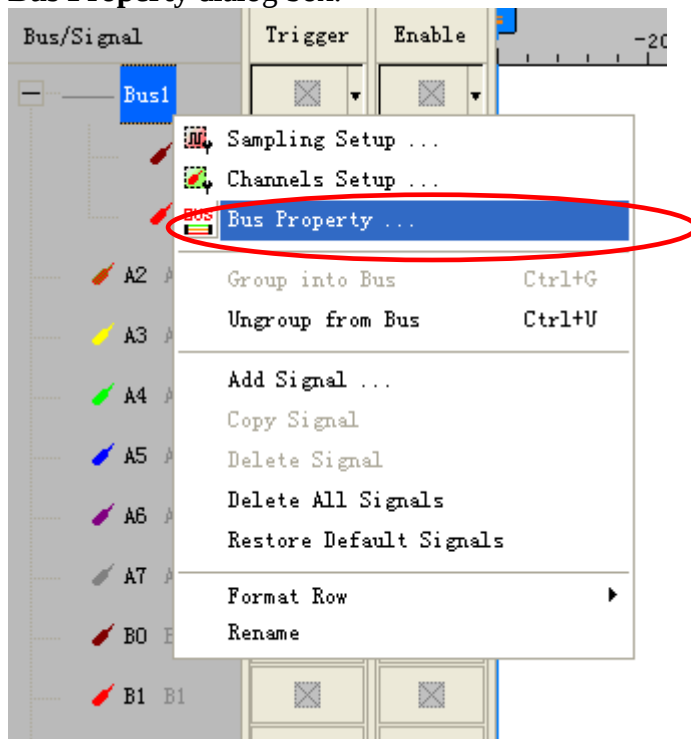


3 Operating Instructions

STEP 1. Group the unanalyzed channels into **Bus1** by pressing the **Right Key** on the mouse.

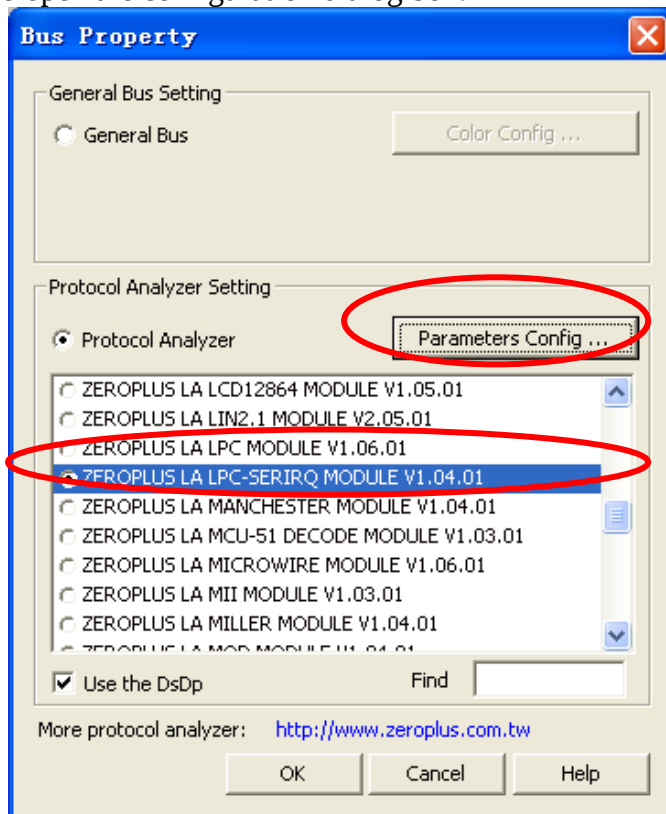


STEP 2. Select **Bus1**. Then, press **Right** key on the mouse, click **Bus Property** to open the **Bus Property** dialog box.

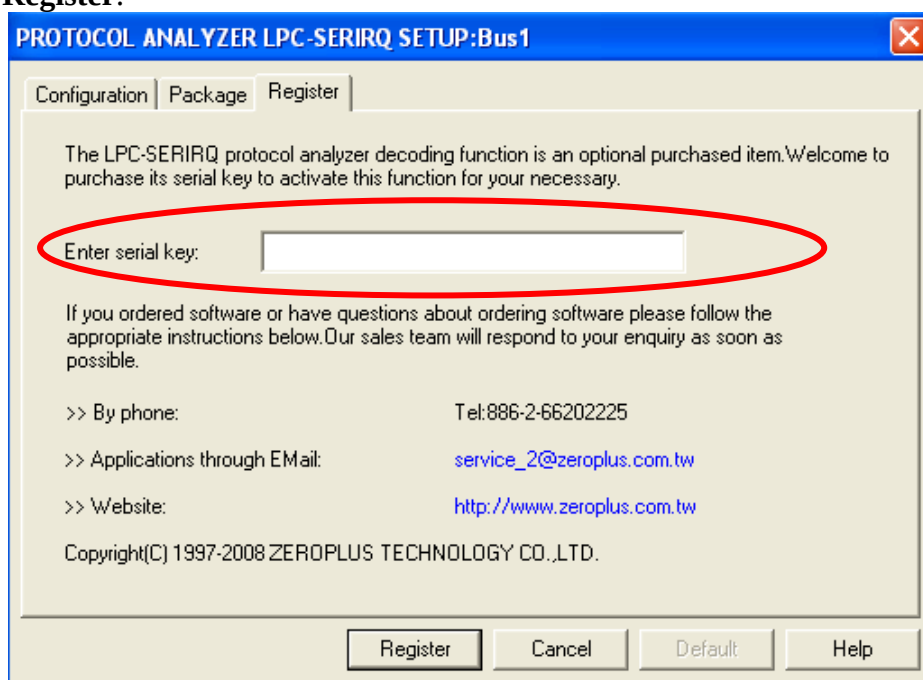




STEP 3. For Protocol Analyzer Parameters Configuration, select Protocol Analyzer and then select **ZEROPLUS LA LPC-SERIRQ MODULE V1.04.01**. Next click **Parameters Configuration** to open the configuration dialog box.

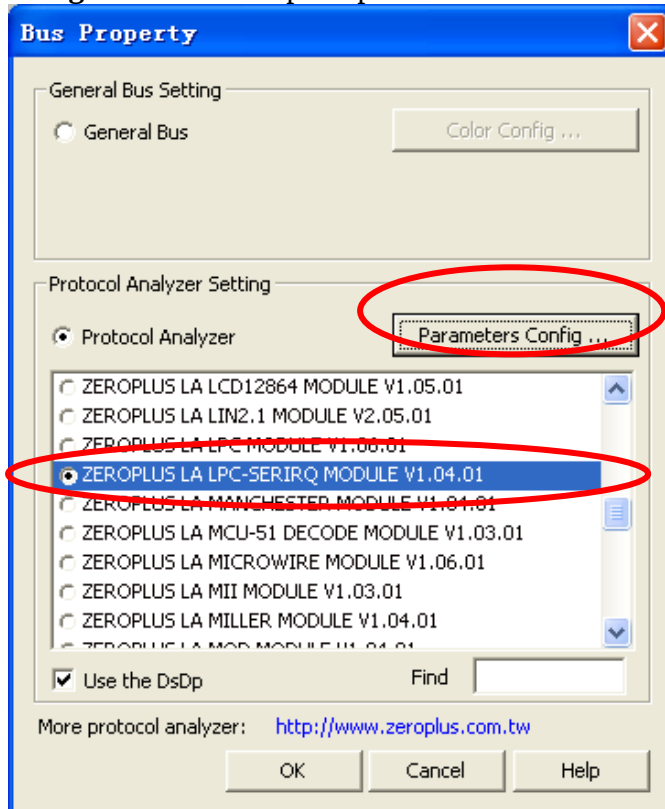


STEP 4. Click Register key to type the serial key number of **LPC-SERIRQ**. Then, press **Register**.

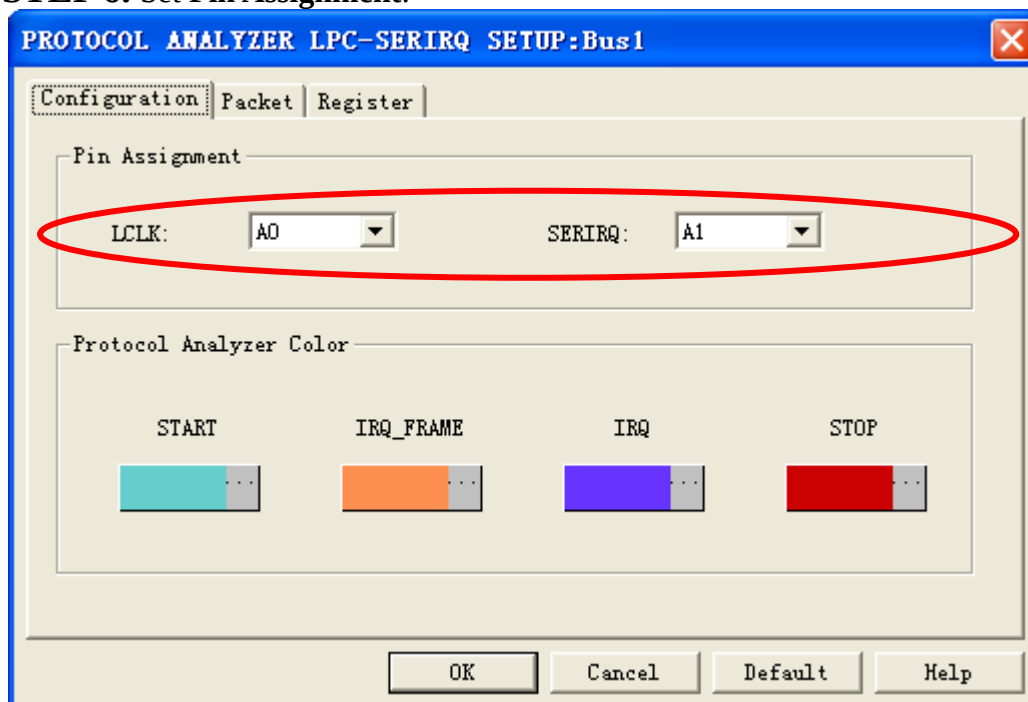




STEP 5. After Register, it turns to **Bus Property** dialogue box. Click **Parameters Configuration** to set up the parameter of LPC-SERIRQ.



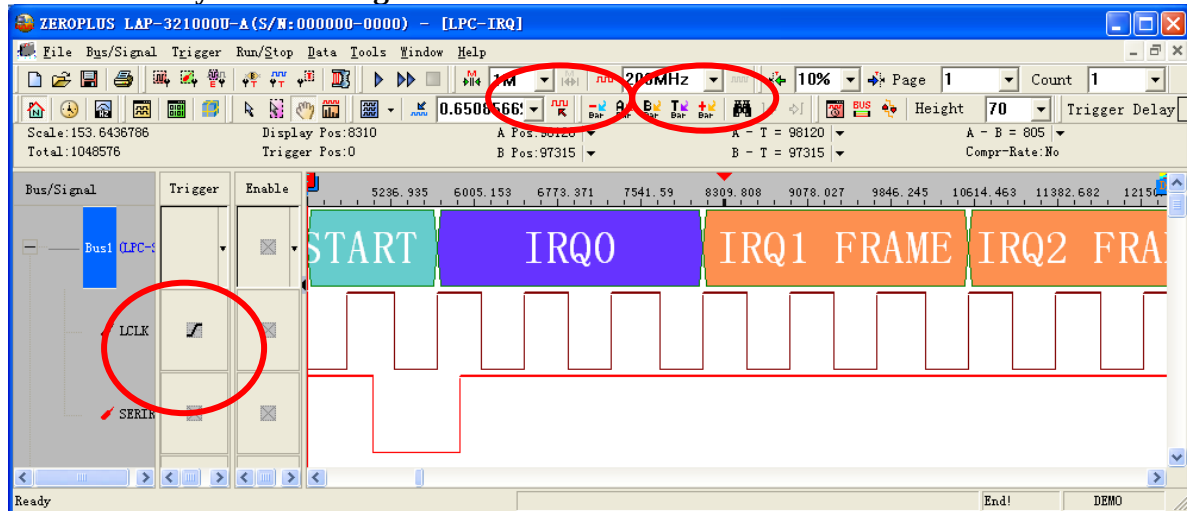
STEP 6. Set Pin Assignment.





STEP 7. Following pictures show the completion of the protocol analyzer decoding and the package list. The Trigger condition is set as Rising Edge; the Memory depth is 1M; the Sampling frequency is 200MHz.

Protocol Analyzer Decoding



Packet List

