



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

SPECIFICATION

MODEL: FLEXARY 2.1A Specification

PART NO : 027 _____

VERSION : V1.10 _____

Approver		Check	Design
GM	PM		

Customer Confirm

* Please fax the file to
ZeroPlus Technology after
signing .

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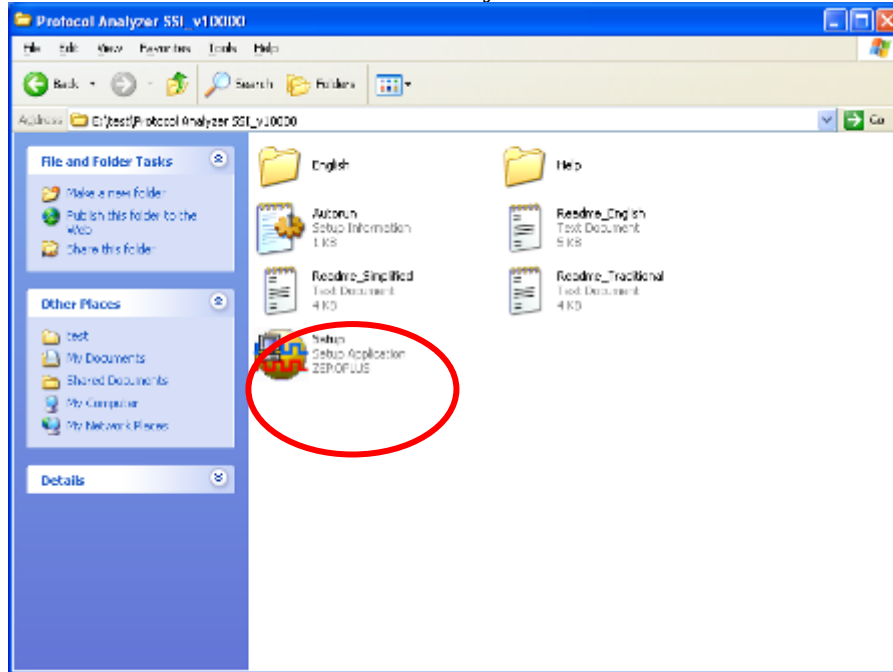


1 Software Installation

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. Following is an example on how 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.

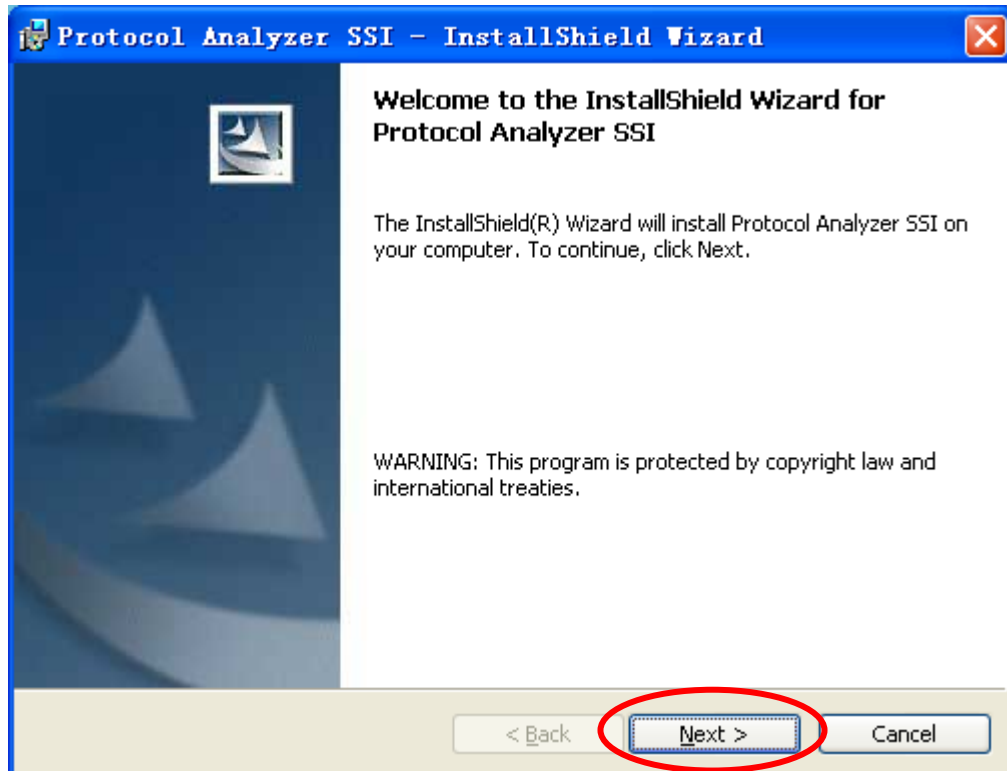


STEP 2. Click Install.

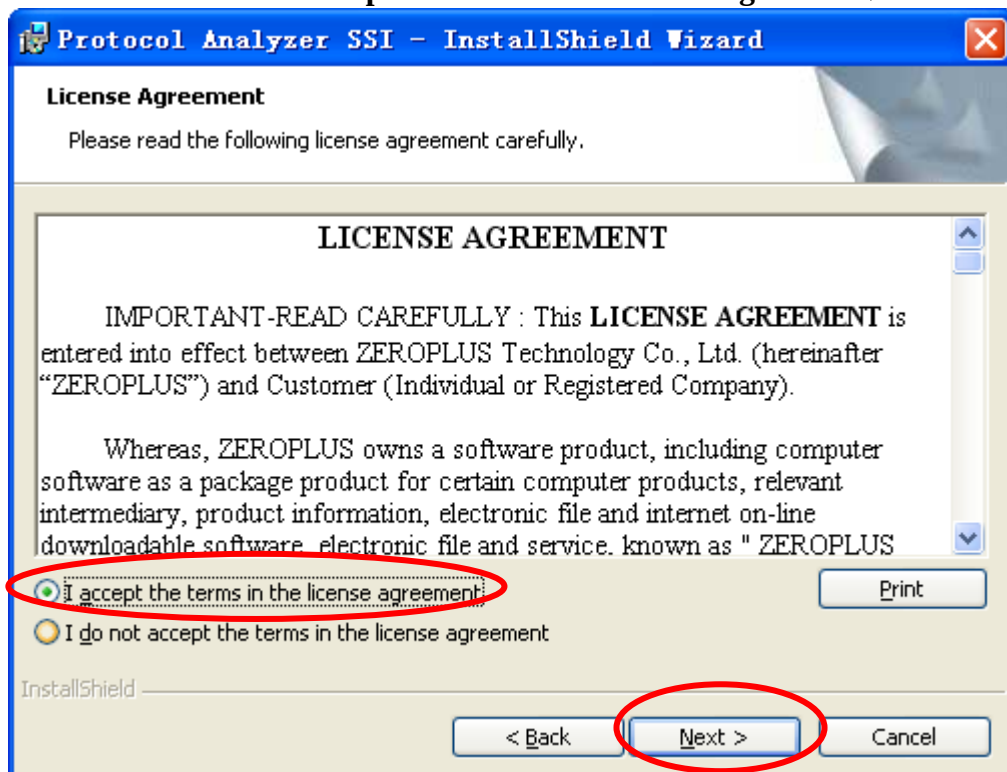




STEP 3. Click Next.



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





STEP 5. Fill in users' information in the below dialog box and click **Next**.

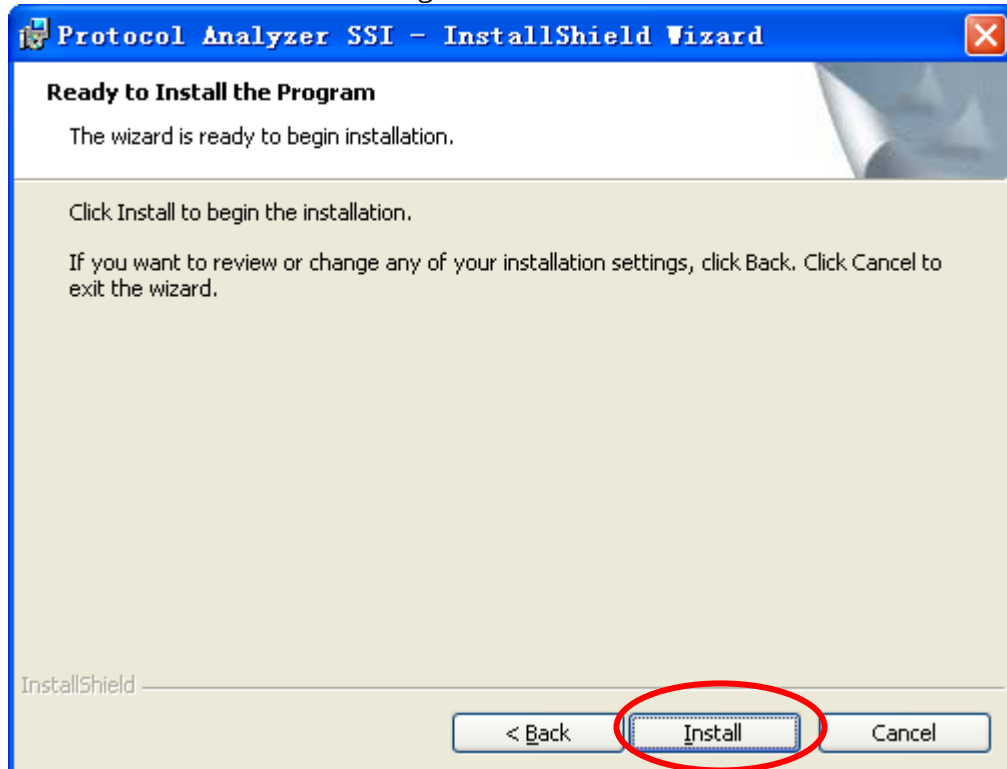
The dialog box is titled "Protocol Analyzer SSI - InstallShield Wizard". It has a "Customer Information" section with the instruction "Please enter your information." Below this are two text input fields: "User Name:" with the value "sunshine" and "Organization:" with the value "zeroplus". There are two radio button options under "Install this application for:": "Anyone who uses this computer (all users)" (selected) and "Only for me (sunshine)". At the bottom, there are three buttons: "< Back", "Next >" (circled in red), and "Cancel".

STEP 6. First, select **Complete** and then click **Next**.

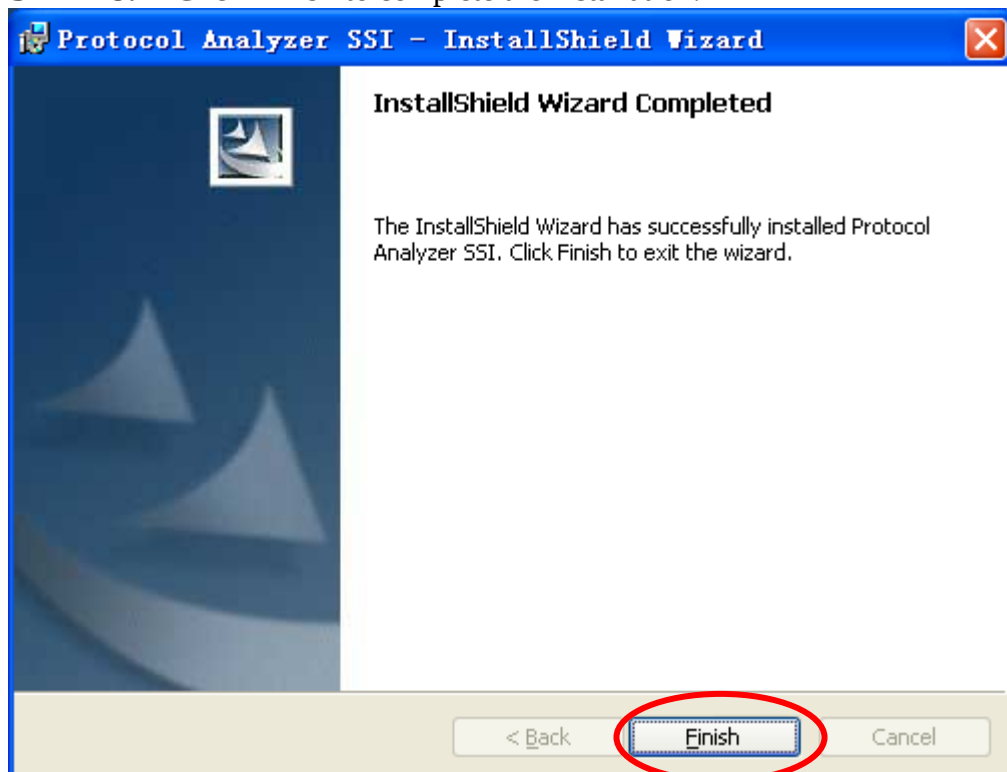
The dialog box is titled "Protocol Analyzer SSI - InstallShield Wizard". It has a "Setup Type" section with the instruction "Choose the setup type that best suits your needs." Below this are two radio button options: "Complete" (selected) and "Custom". The "Complete" option has a description: "All program features will be installed. (Requires the most disk space.)". The "Custom" option has a description: "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 >" (circled in red), and "Cancel".



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



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

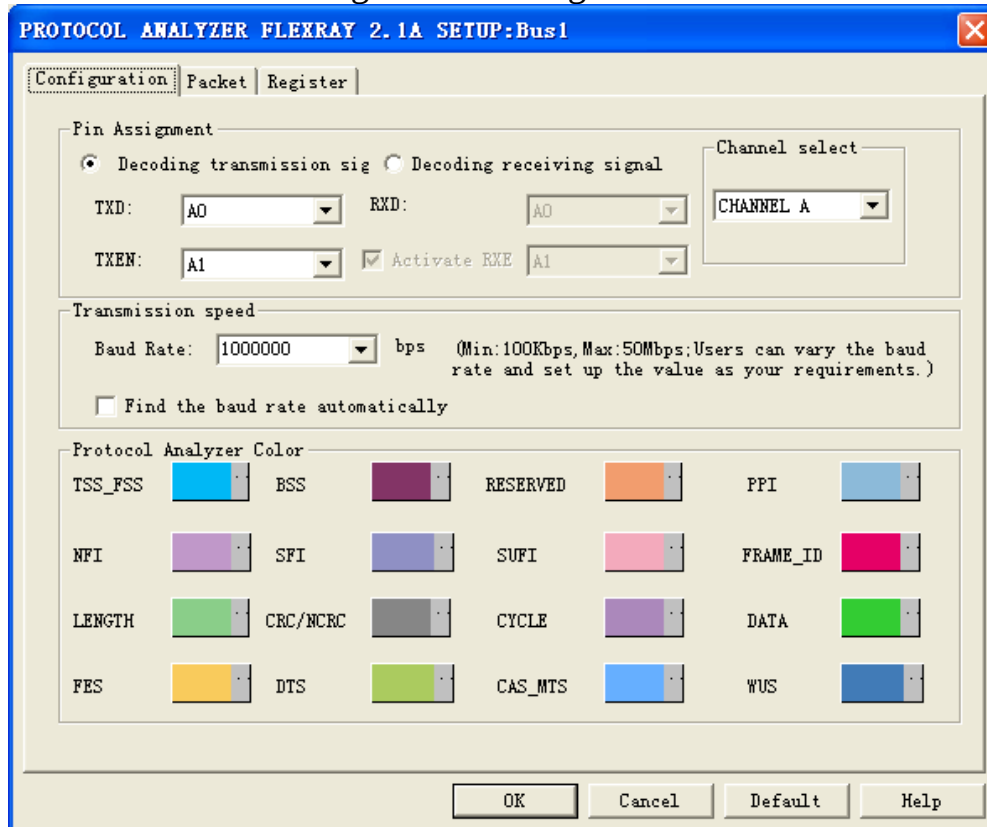




2 User Interface

Please refer to below images to select options of setting **FLEXRAY 2.1A MODULE**.

FLEXRAY 2.1A Configuration Dialog Box



FLEXRAY 2.1A Pin Assignment:

TXD is the transmission signal line; TXEN is the transmission ENABLE line (There is effectiveness on low level); RXD is the receiving signal line; RXEN is the receiving ENABLE line (There is effectiveness on low level). RXEN line is mostly designed in the interior of the transmission and receiving module, and it can't transmit any data, that's to say, it is unnecessary to consider the RXEN line during the decoding process. **Channel select** is relative to the CRC initialization.

Transmission speed:

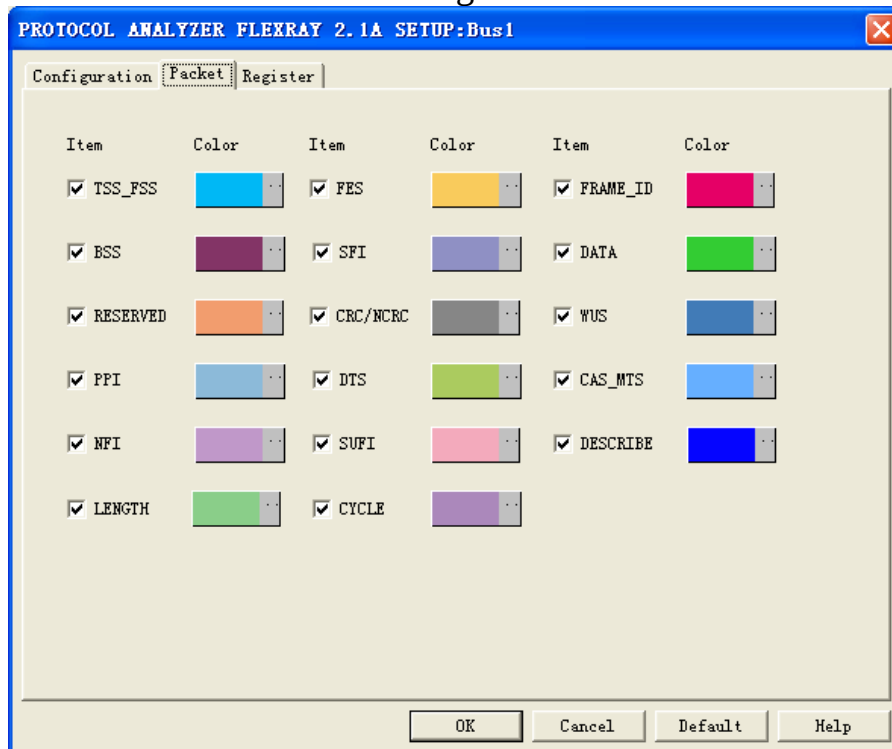
The default of **Baud rate** is 1Mbps; users can select the value from its dropdown menu or enter a value within the range 100Kbps ~ 50Mbps. The values for selection are 1000000, 2000000, 4000000, 6000000, 8000000 and 10000000bps. When the function, **Find the baud rate automatically**, is activated, the baud rate can be found automatically to display the value of the baud rate on the dialog box.

Protocol Analyzer Color:

The protocol analyzer color can be varied by users.

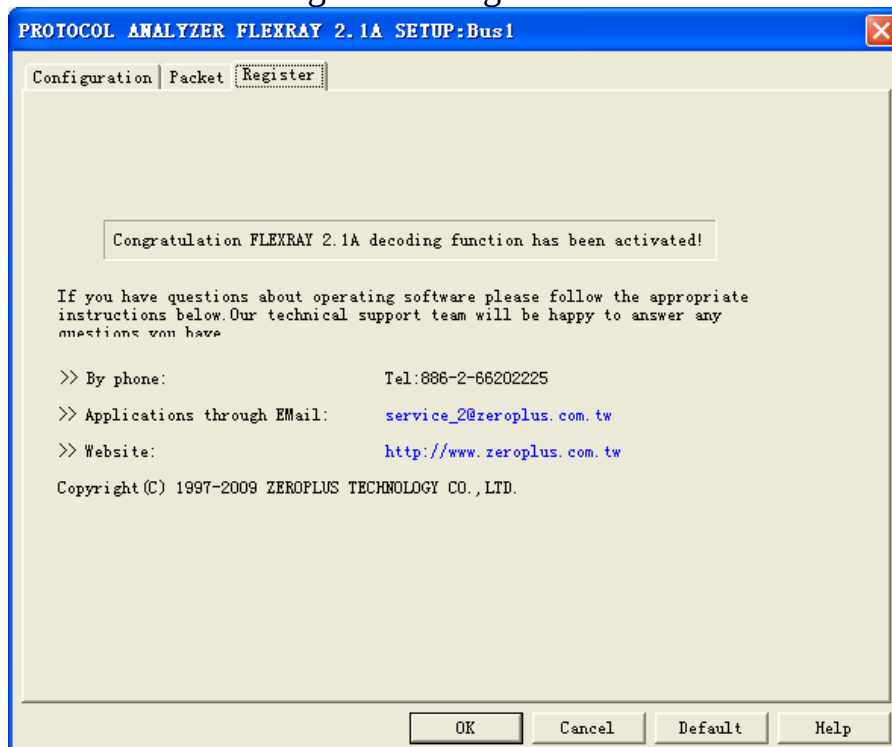


FLEXRAY 2.1A Packet Dialog Box



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

FLEXRAY 2.1A Register Dialog Box

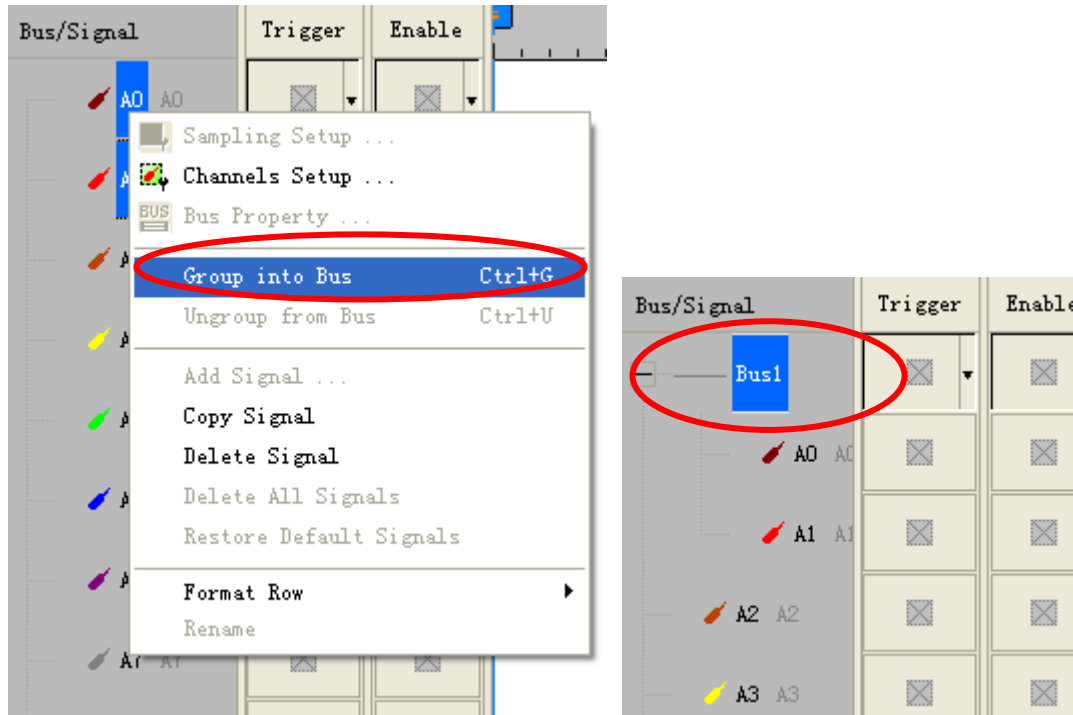


There is ZeroPlus company information. If you have any questions about software operations you can contact ZeroPlus by Telephone or Email.

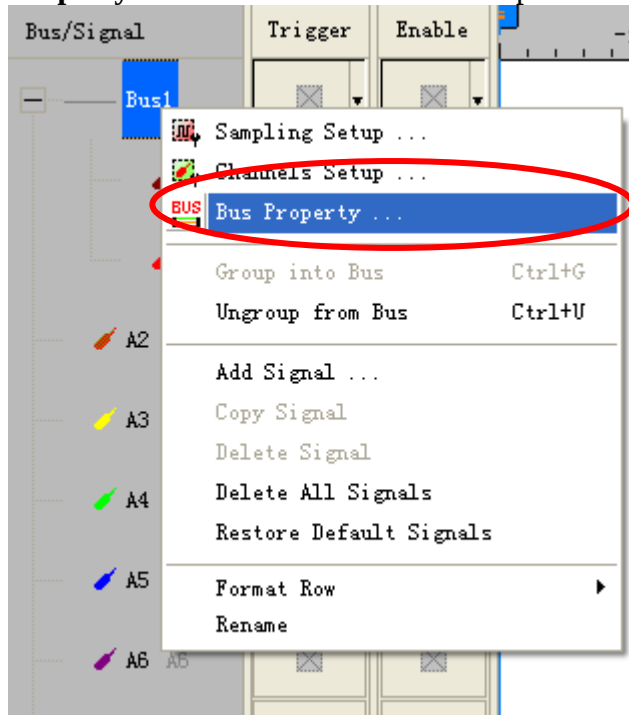


3 Operating Instructions

STEP 1. At first, group the unanalyzed channels into **Bus1** by pressing the **Right Key** on the mouse.

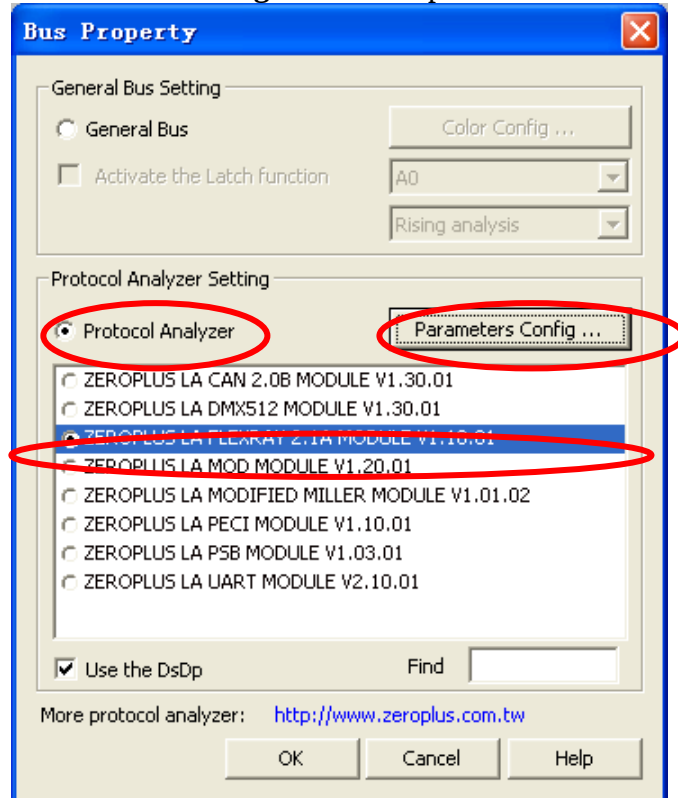


STEP 2. Select **Bus1**, then press **Right key** on the mouse to list menu, then press **Bus Property** or **Bus** bar on the toolbar to open **Bus Property** dialog box.

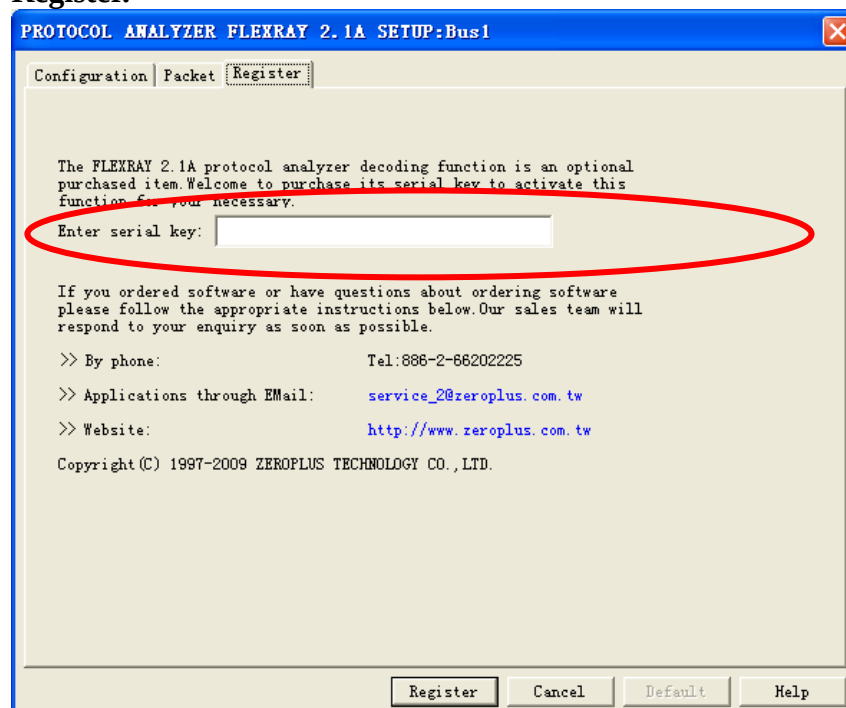




STEP 3. For Protocol Analyzer FLEXRAY 2.1A Parameters Configuration, select Protocol Analyzer, and then choose **ZEROPLUS LA FLEXRAY 2.1A MODULE V1.10.01**. Next click **Parameters Configuration** to open **Parameters Configuration** dialog box.

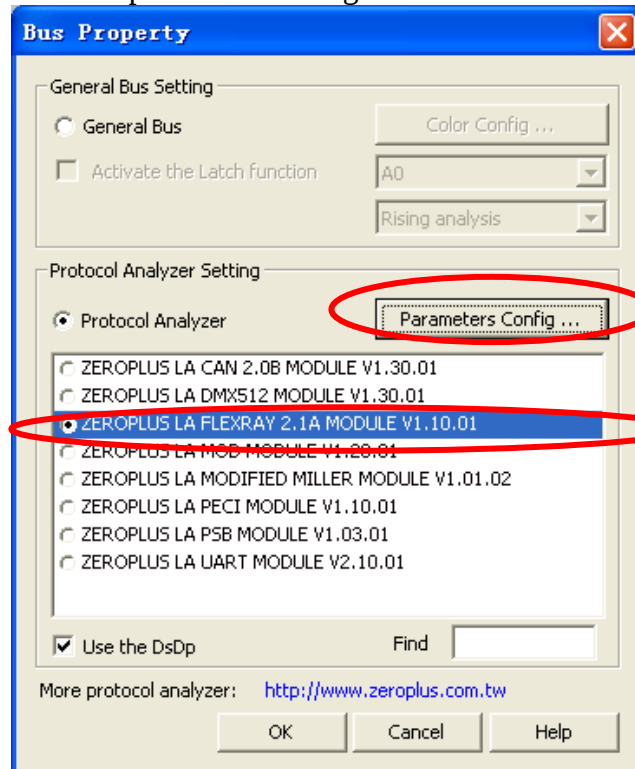


STEP 4. Press Register tab to type the serial key number of FLEXRAY 2.1A. Then, press **Register**.

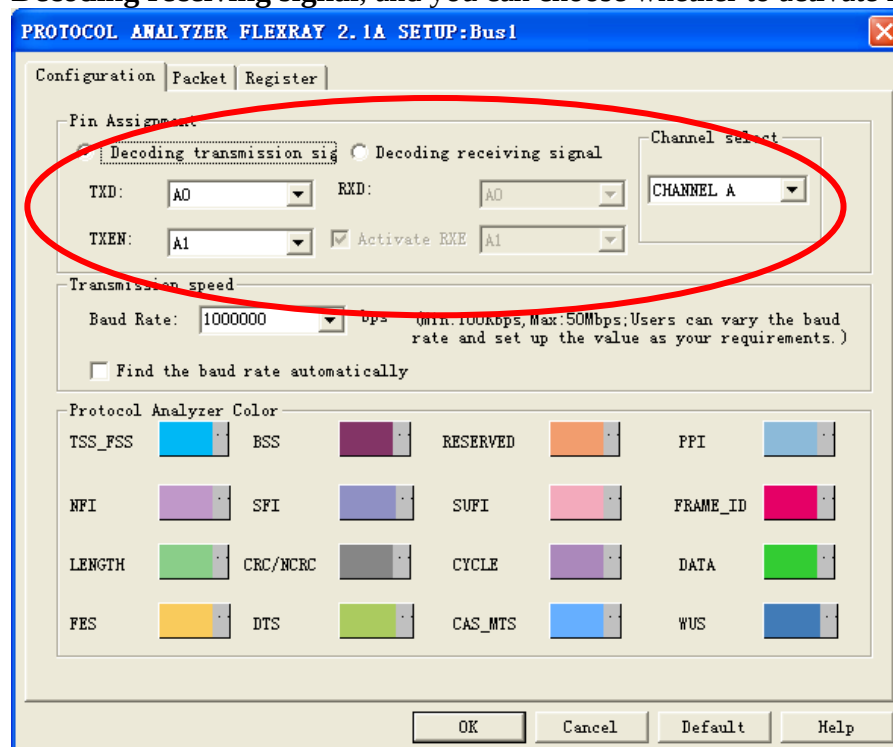




STEP 5. After completing **Register**, come back to the **Bus Property** dialog box, and then click the parameters configuration to start the Protocol Analyzer FLEXRAY 2.1A Setup.

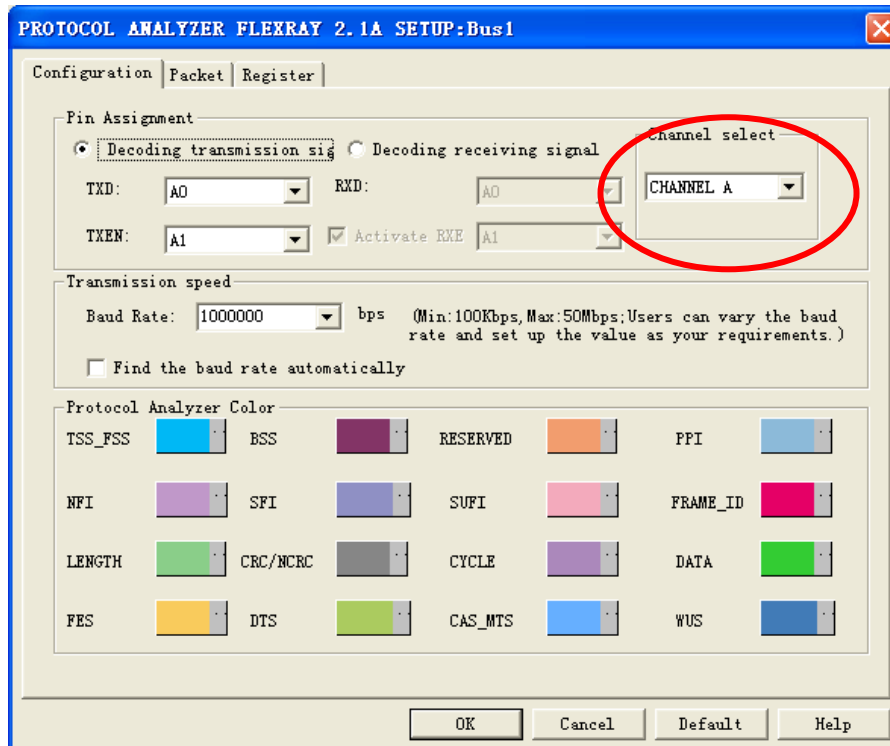


STEP 6. FLEXRAY 2.1A Pin Assignment. Select **Decoding transmission signal** and **Decoding receiving signal**, and you can choose whether to activate RXEN or not.





STEP 7. There are CHANNEL A and CHANNEL B for **Channel select**.



STEP 8. **Transmission speed** setting. The Minimum **Baud rate** is 100Kbps; the Maximum **Baud rate** is 50Mbps. If select the option “Find the baud rate automatically”, the program will judge the baud rate automatically to display the value of baud rate on the dialog box.

