



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

SPECIFICATION

MODEL: B08012-LAP-PECI-M

PART NO: _____

VERSION: V1.13

Approver		Check	Design
GM	PM		

Customer Confirm

*Please fax the file to Zeroplus Technology after signing.

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Revision History

Revision NO.	History	Page No.	Date	Reviser
V1.10	Add the function of displaying the Baud Rate Value	15	2009-06-02	Kelly
V1.11	Add the Software Download and the Software Register. Update the Interface of the Protocol Analyzer.	4~22	2010-11-10	Sunshine
V1.12	Available in ZPP store	2-14	2013-07-16	Anderson
V1.13	Support decoding PECl 3.0 packet command format.	2-14	2013-07-16	Anderson



Content

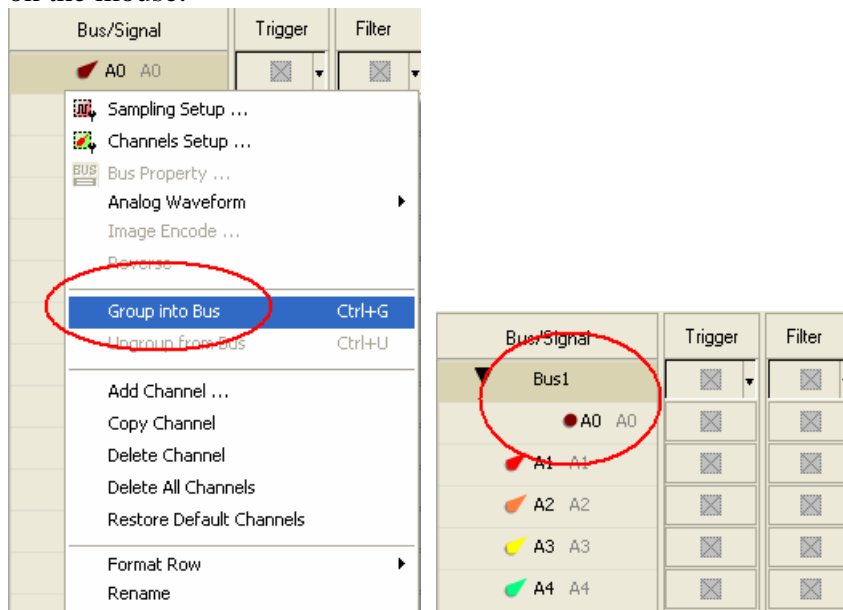
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1 Software Register

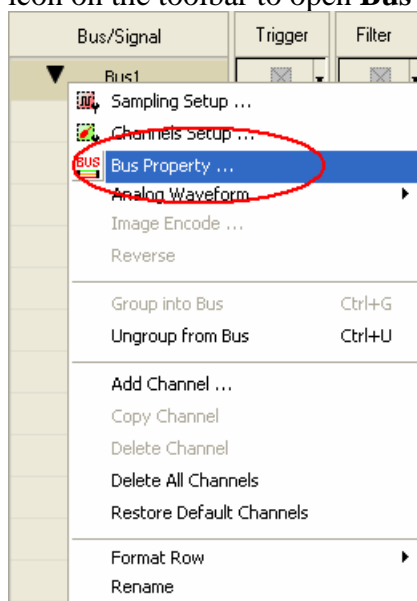
Please register the software as the following steps:

- ※ Remark1: The registration steps for all protocol analyzers are the same; you can complete the registration by following procedures. Following is an example on how to register the Protocol Analyzer BUS.
- ※ Remark2: 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. Open the Logic Analyzer and group the unanalyzed channels into **Bus1** by pressing the **Right Key** on the mouse.

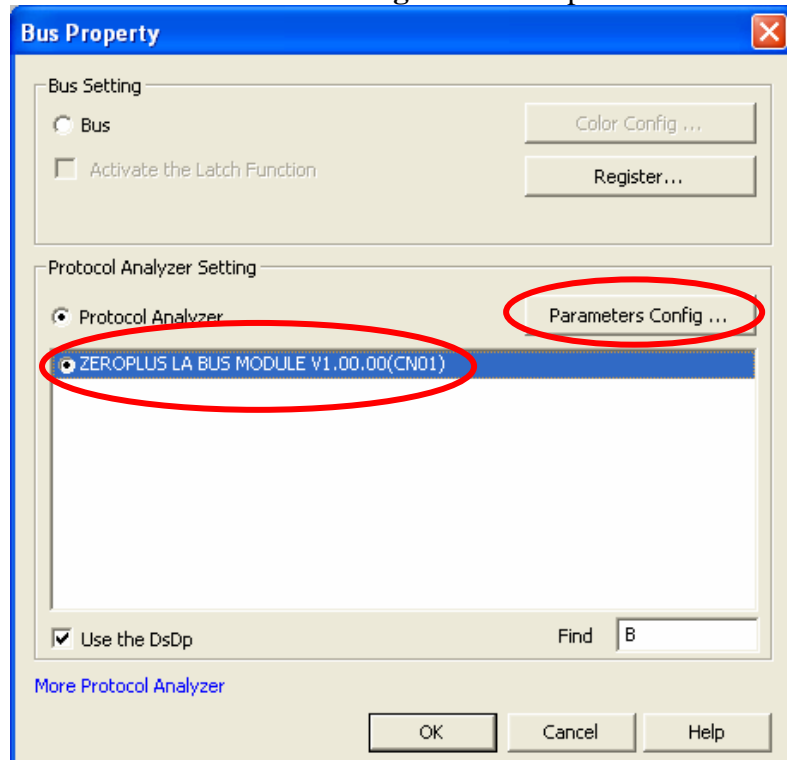


STEP 2. Select **Bus1**, and press **Right Key** on the mouse to list the menu, then click **Bus Property** or **Bus** icon on the toolbar to open **Bus Property** dialog box.

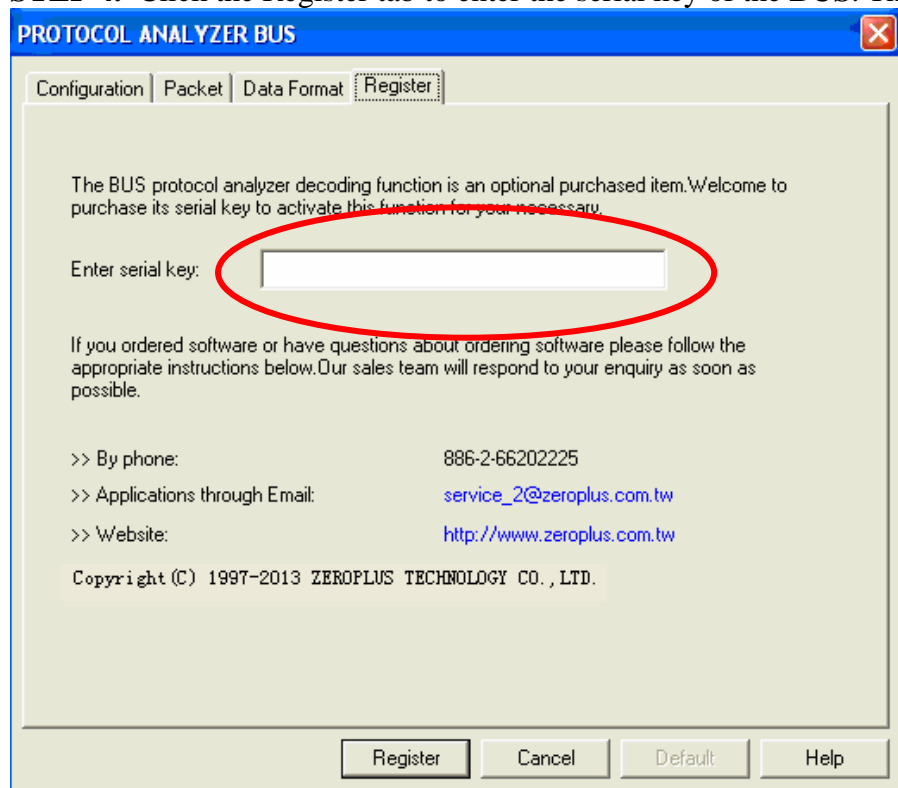




STEP 3. Select the Protocol Analyzer, and then choose **ZEROPLUS LA BUS MODULE V1.00.00 (CN01)**. Next click **Parameters Configuration** to open the Protocol Analyzer Bus dialog box.

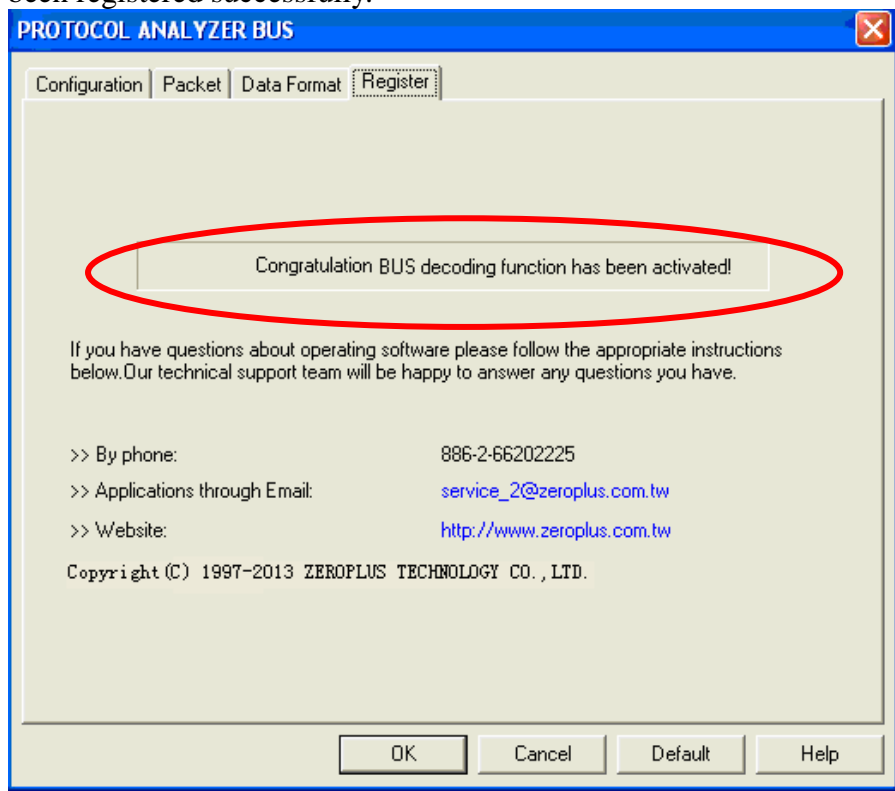


STEP 4. Click the Register tab to enter the serial key of the **BUS**. Then click **Register**.





STEP 5. After clicking the Register button, the following dialog box will appear; it denotes that the BUS has been registered successfully.

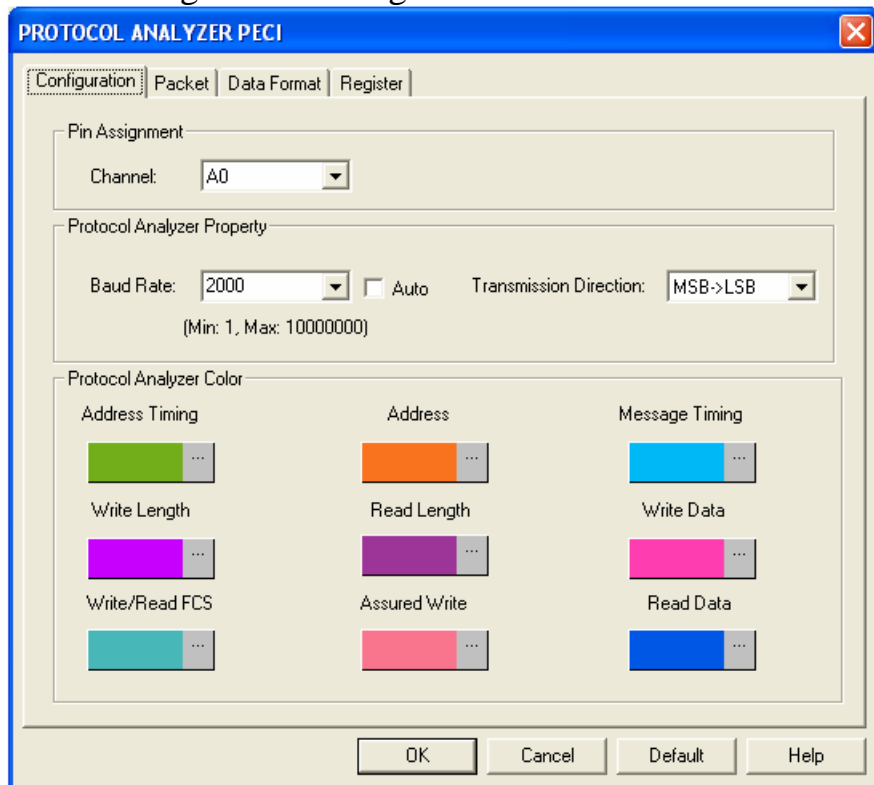




2 User Interface

Please refer to the below images to select options of setting **PECI Module**.

PECI Configuration dialog box



Pin Assignment:

Channel: It is used to transmit the ADDRESS and the DATA; the default channel is A0.

Protocol Analyzer Property:

Baud Rate: Users can enter the baud rate in the range of 1bps to 10Mbps or select a value from the dropdown menu as their requirements. At the same time, when the option, **Auto**, is activated, the baud rate can be calculated and displayed by the main program automatically.

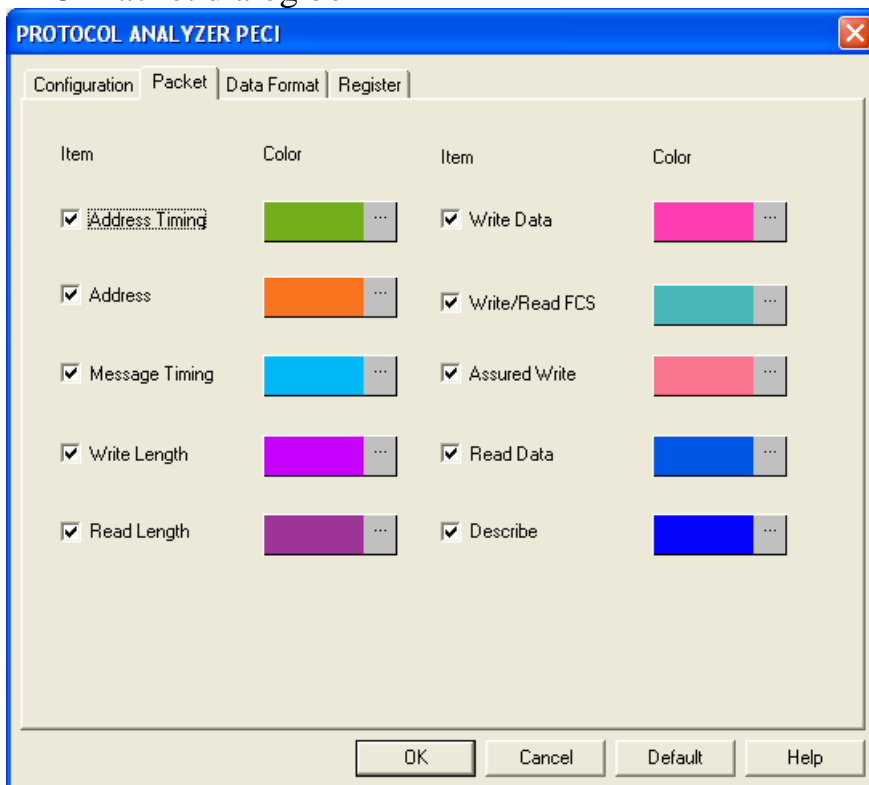
Transmission Direction: Users can set the transmission direction as their requirements; the options are MSB->LSB and LSB->MSB.

Protocol Analyzer Color:

The color can be varied by users.

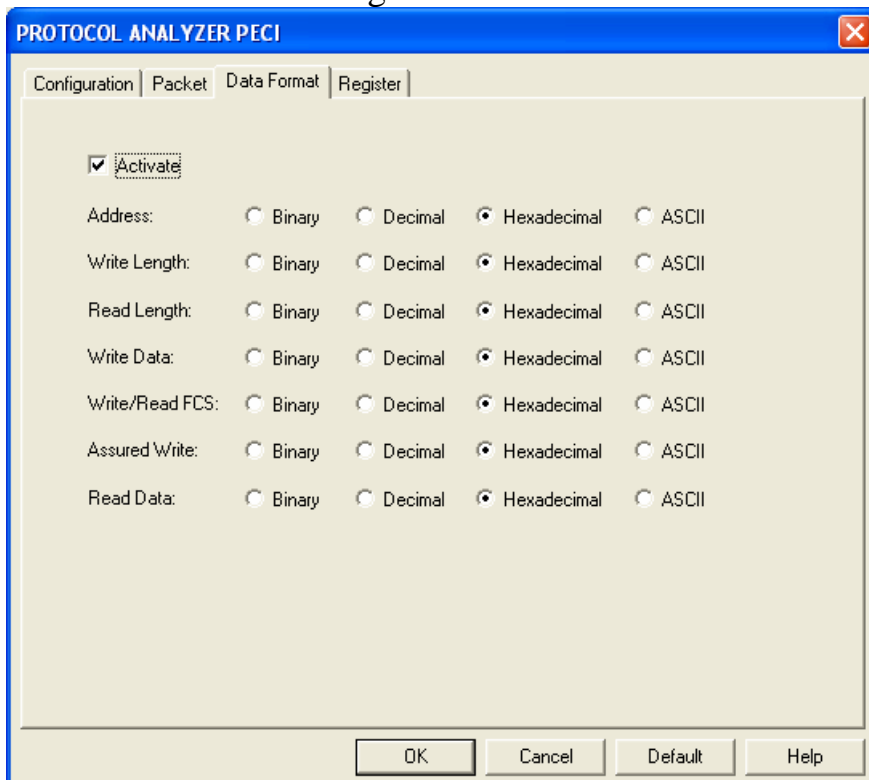


PECI Packet dialog box



In the Packet dialog box, users can vary the color of items and select items to be displayed.

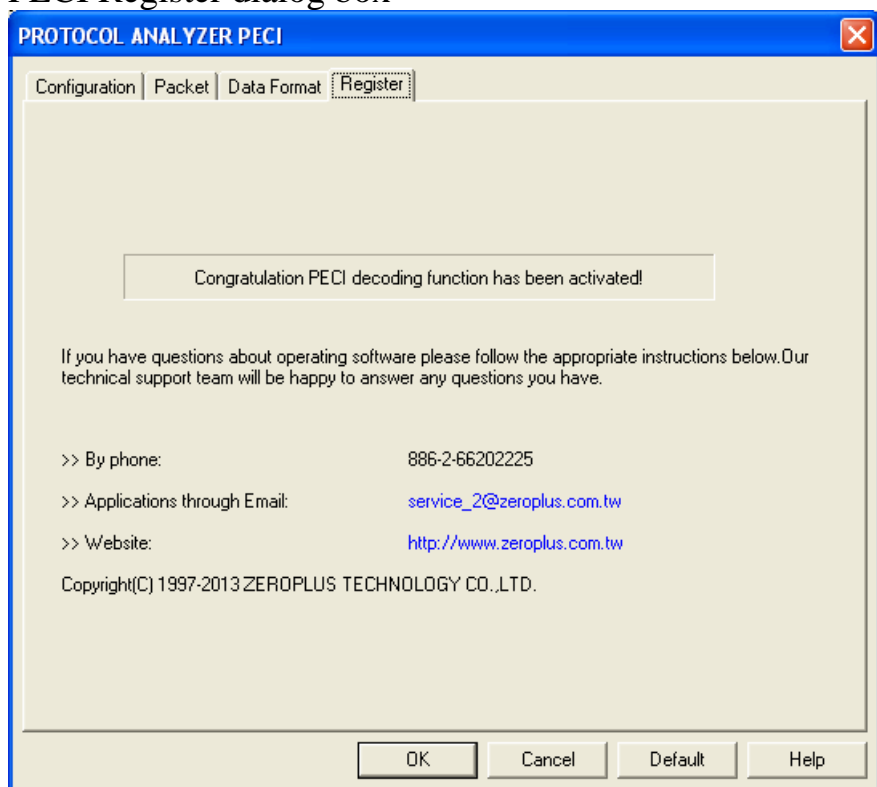
PECI Data Format dialog box



When the option 'Activate' is selected, users could self-define the data format of Address, Write Length, Read Length, Write Data, Write/Read FCS, Assured Write and Read; when not selected, their data formats are decided by the settings of main.



PECI Register dialog box

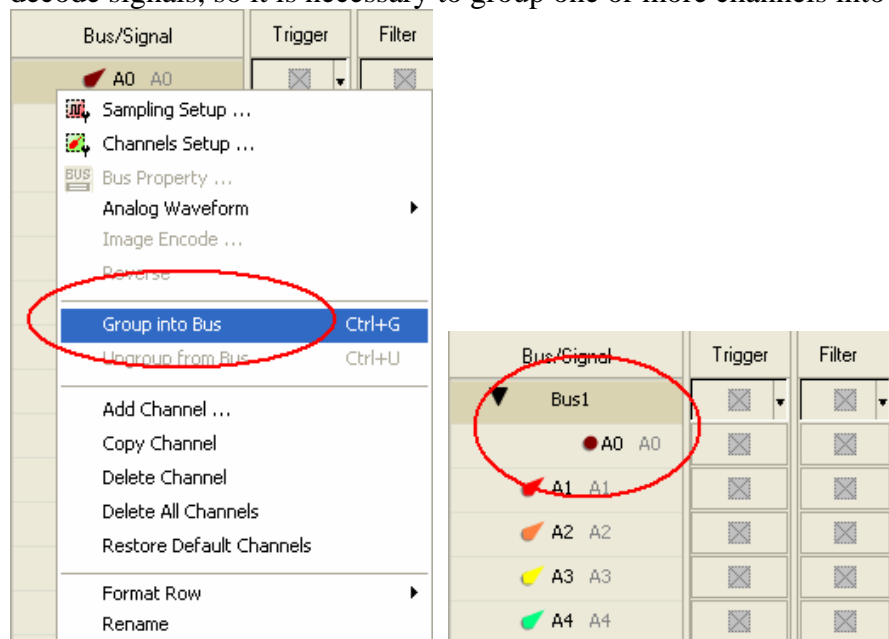


There is ZeroPlus company information. If you have questions about software operations, you can contact ZeroPlus by Telephone or Email.

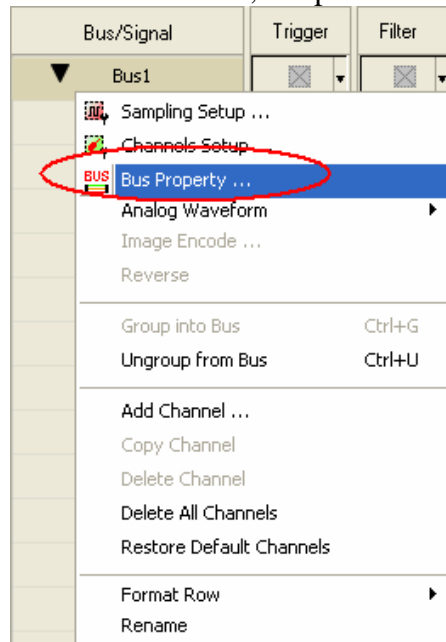


3 Operating Instructions

STEP 1. Group A0 into Bus1 by pressing the Right Key on the mouse. PECl only needs one channel to decode signals, so it is necessary to group one or more channels into a Bus..

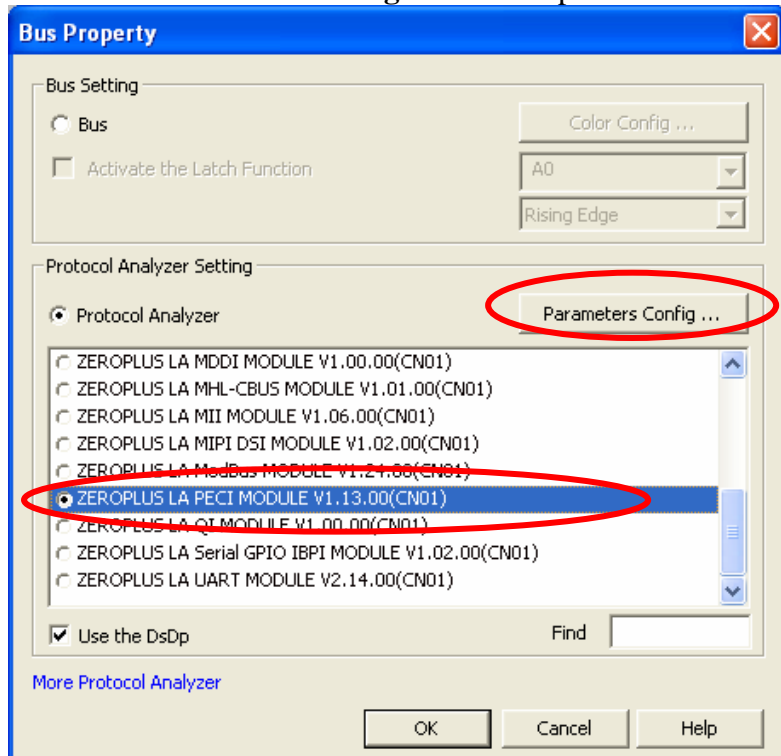


STEP 2. Select Bus1, press Right Key and select 'Bus Property' from the popup menu, or click Bus icon on the toolbar, to open Bus Property dialog box.

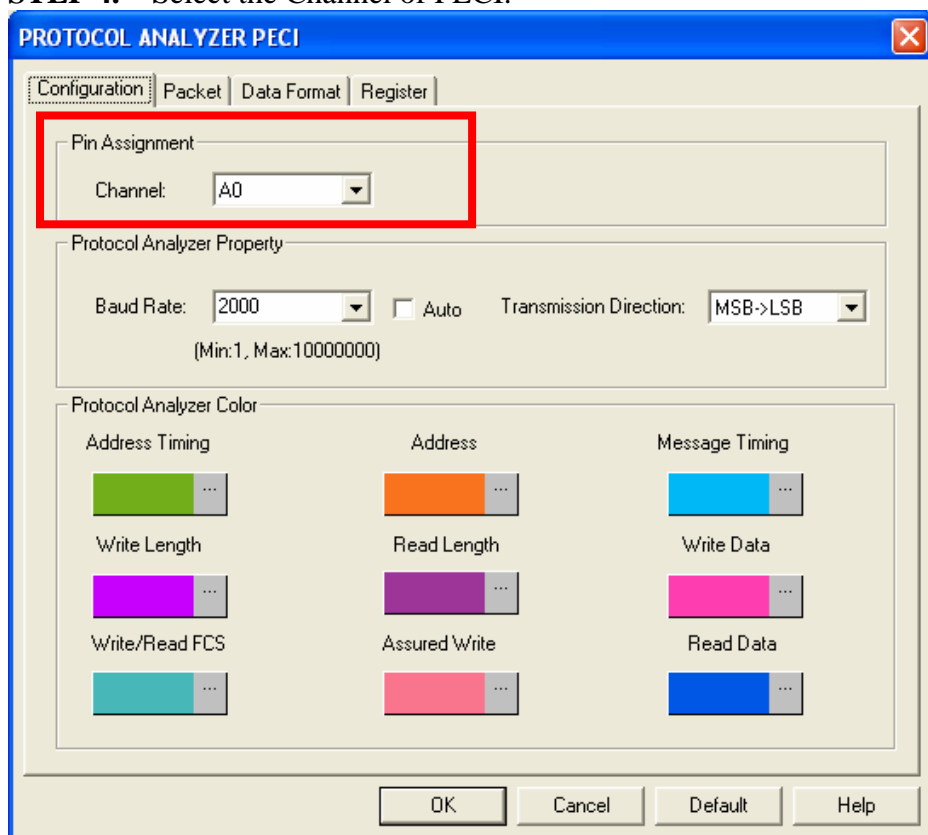




STEP 3. Select Protocol Analyzer, and then choose **ZEROPLUS LA Peci MODULE V1.13.00(CN01)**, next click **Parameters Configuration** to open **Parameters Configuration** dialog box.

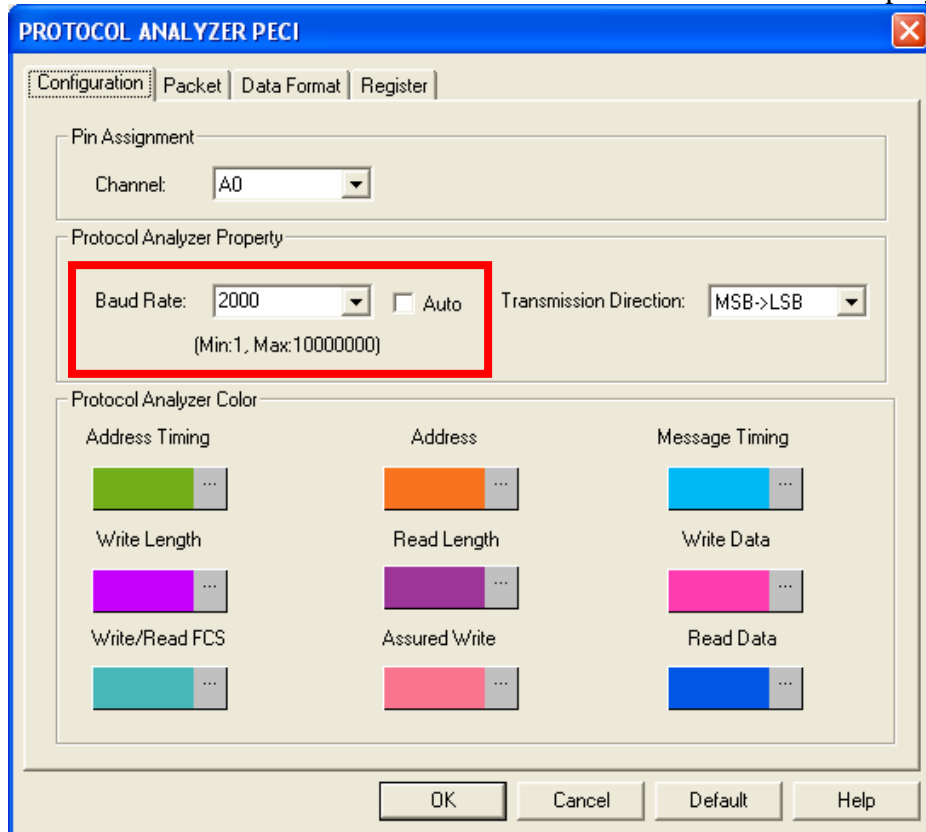


STEP 4. Select the Channel of Peci.

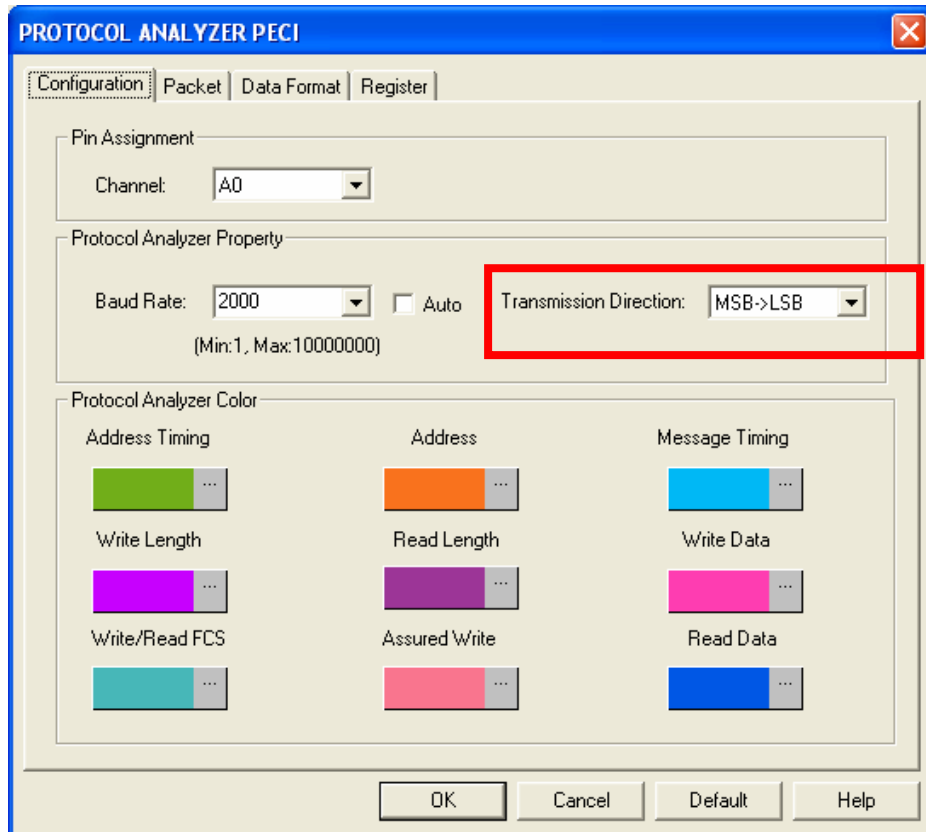




STEP 5. Set the **Baud Rate** or select the **Auto** to calculate and display the Baud Rate automatically.

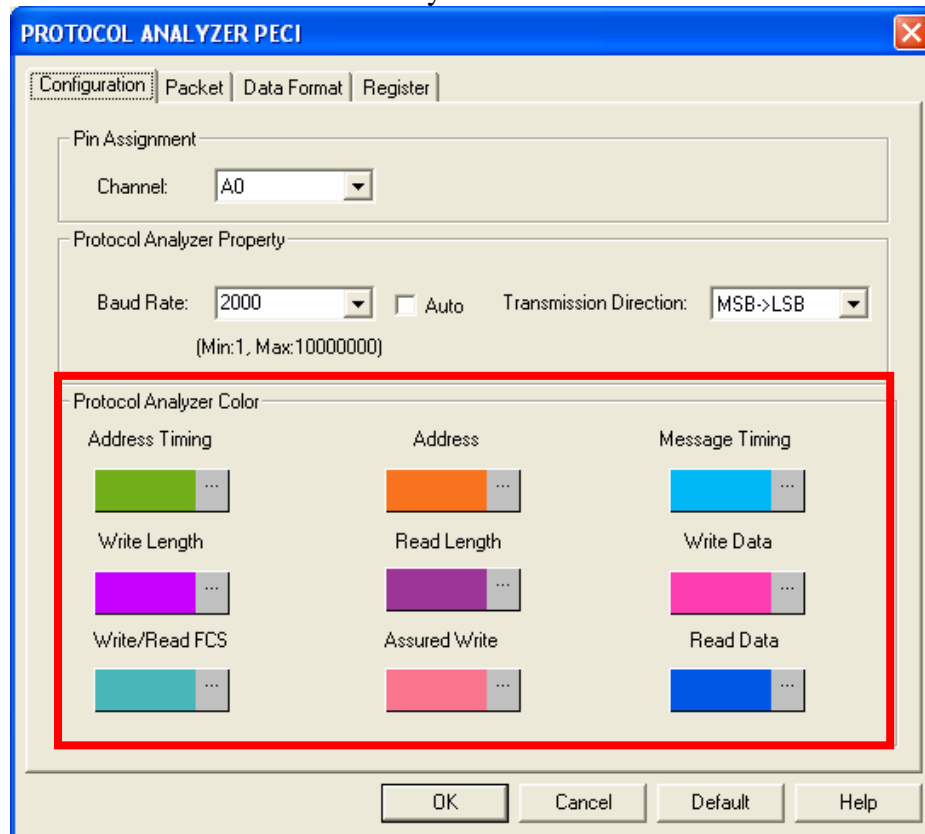


STEP 6. Set the Transmission Direction as MSB->LSB or LSB->MSB.



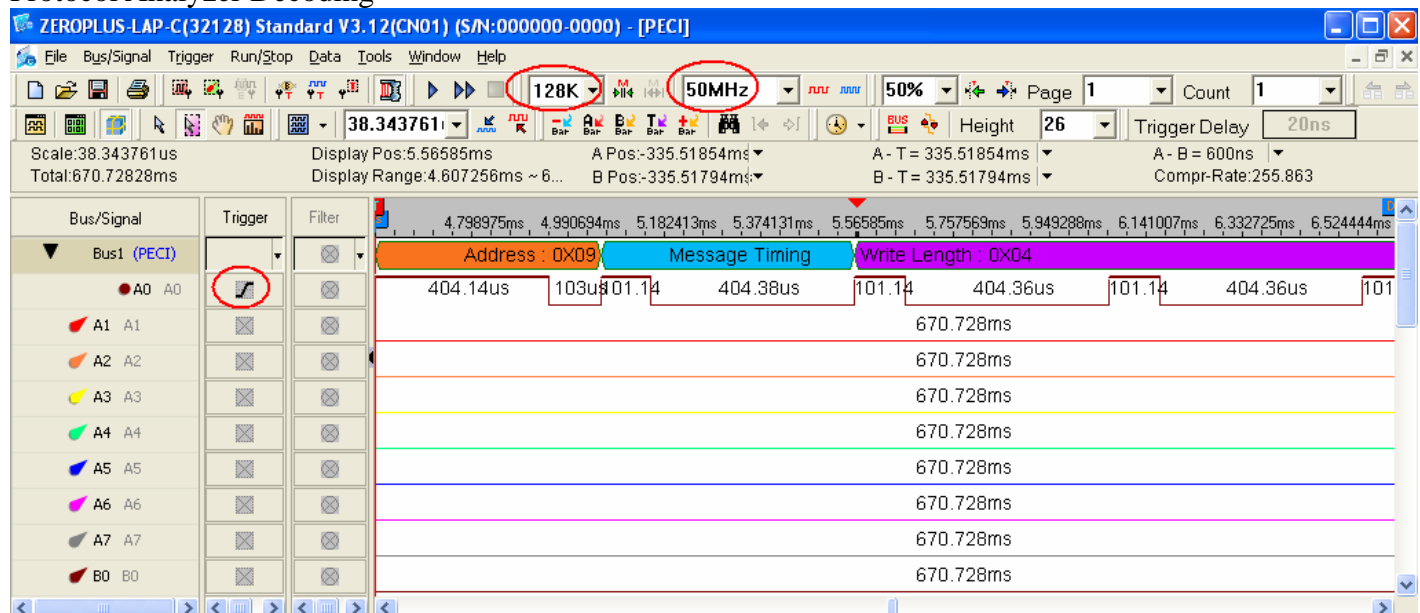


STEP 7. Set the Protocol Analyzer Color.



STEP 8. Following pictures show the completion of the protocol analyzer decoding and the packet list. The Compression function is activated, the Trigger condition is set as Rising Edge; the Memory depth is 128K; the Sampling frequency is 50MHz (the sampling frequency should be more than five times higher than the signal to be tested).

Protocol Analyzer Decoding





Packet List

