



**孕龍科技股份有限公司**  
**ZEROPLUS TECHNOLOGY CO.,LTD**

# Instrument Business Department

PM Specification

Version: V1.0

## Content

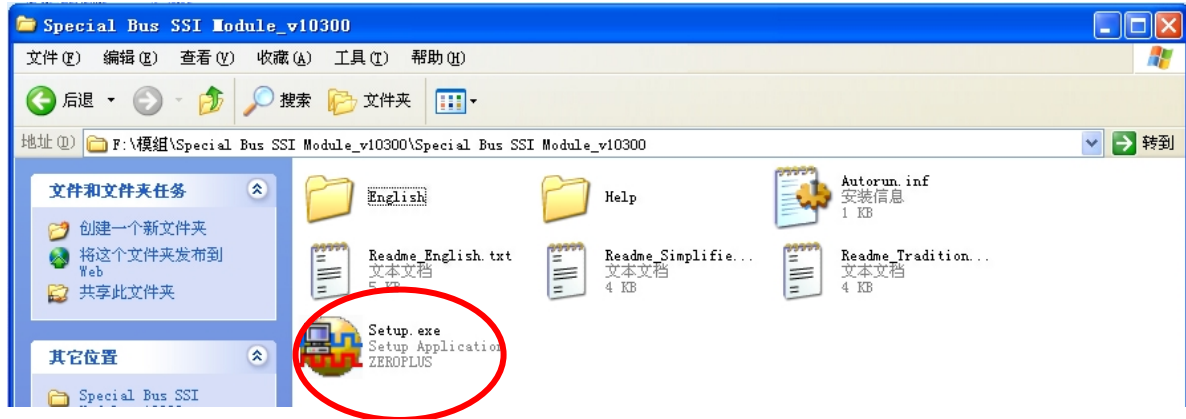
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## 1 Software Installation

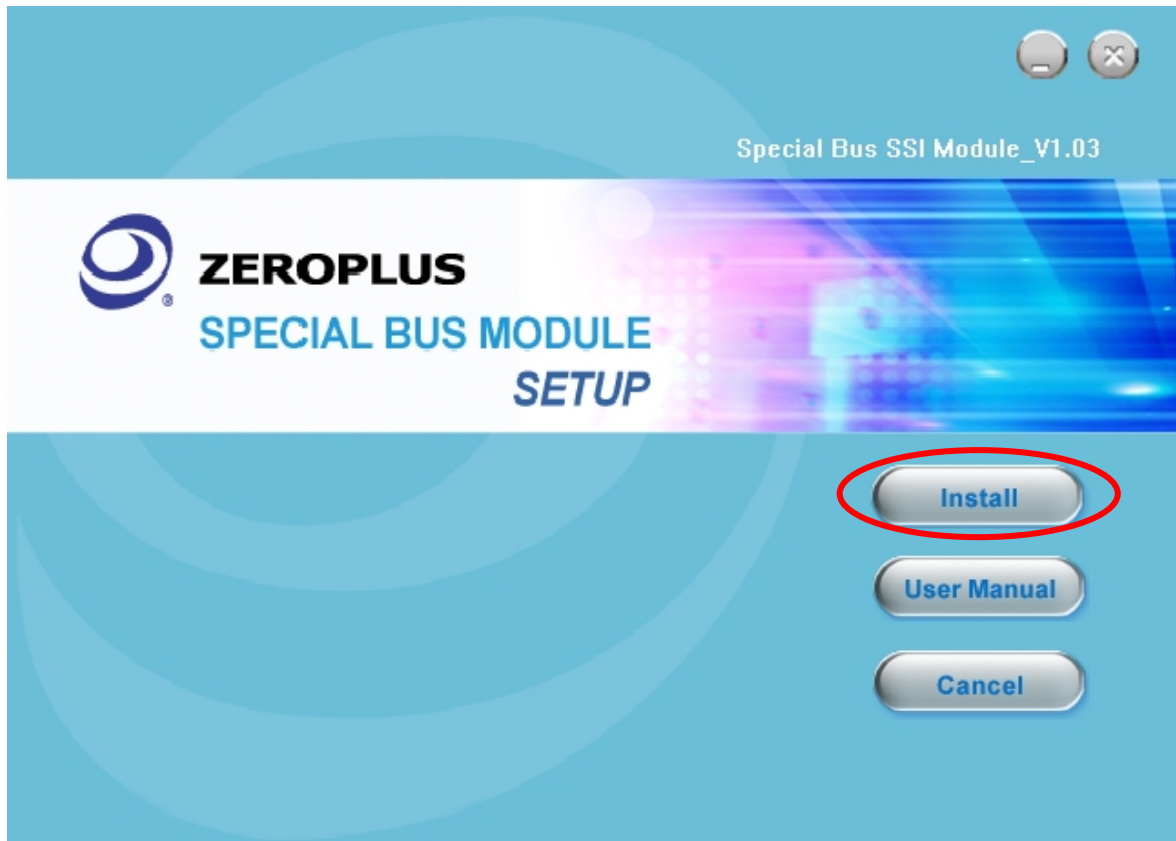
Please install the software as the following steps:

※Remarks: The installation steps for all buses are the same; you can complete installation by following procedures. Below is an example on how to install SSI bus.

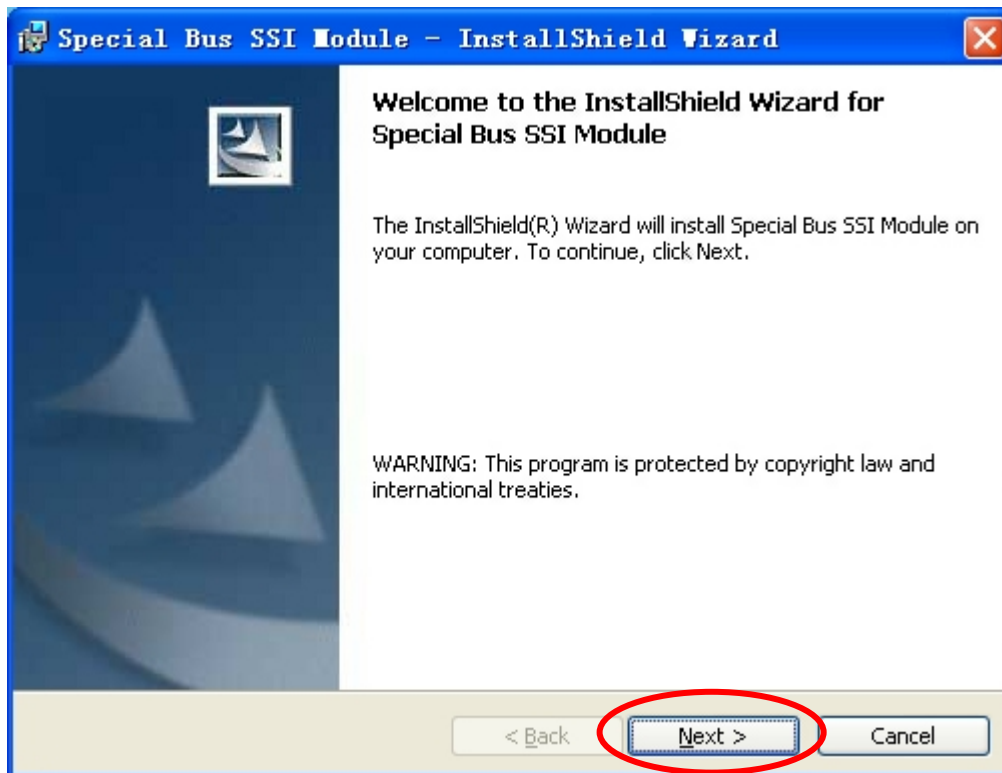
### STEP 1. Install Bus Module



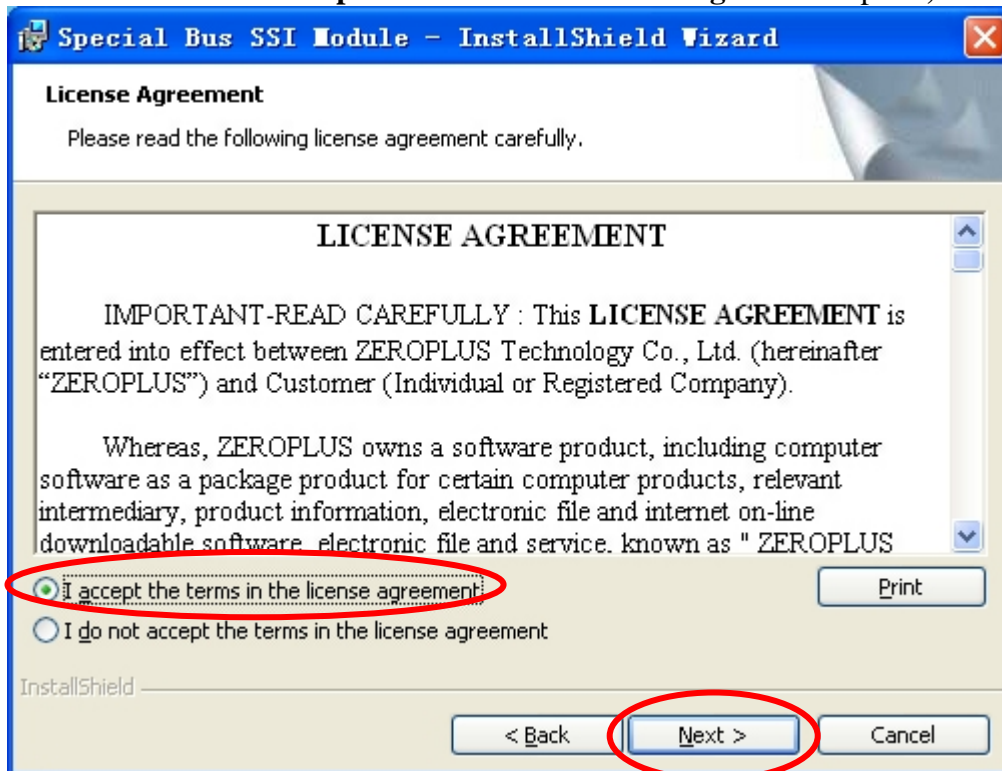
### STEP 2. Click Install.



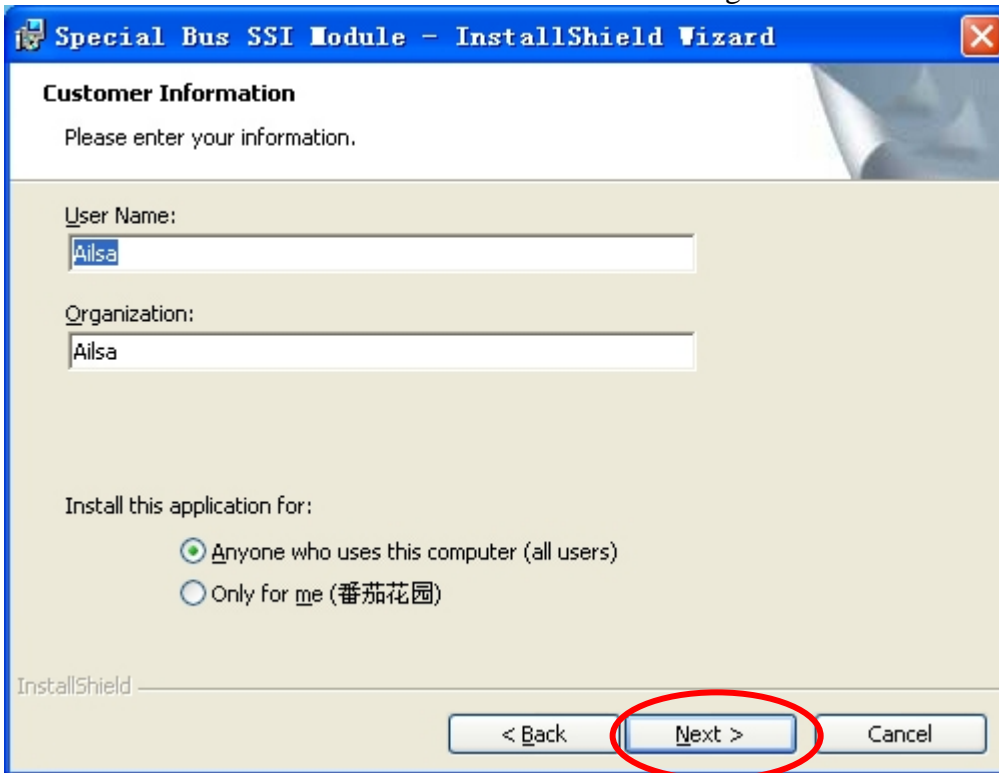
**STEP 3.** Click Next.



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



**STEP 5.** Fill in user information in the below dialog box and then click **Next**.



**Special Bus SSI Module - InstallShield Wizard**

**Customer Information**  
Please enter your information.

User Name:  
Ailsa

Organization:  
Ailsa

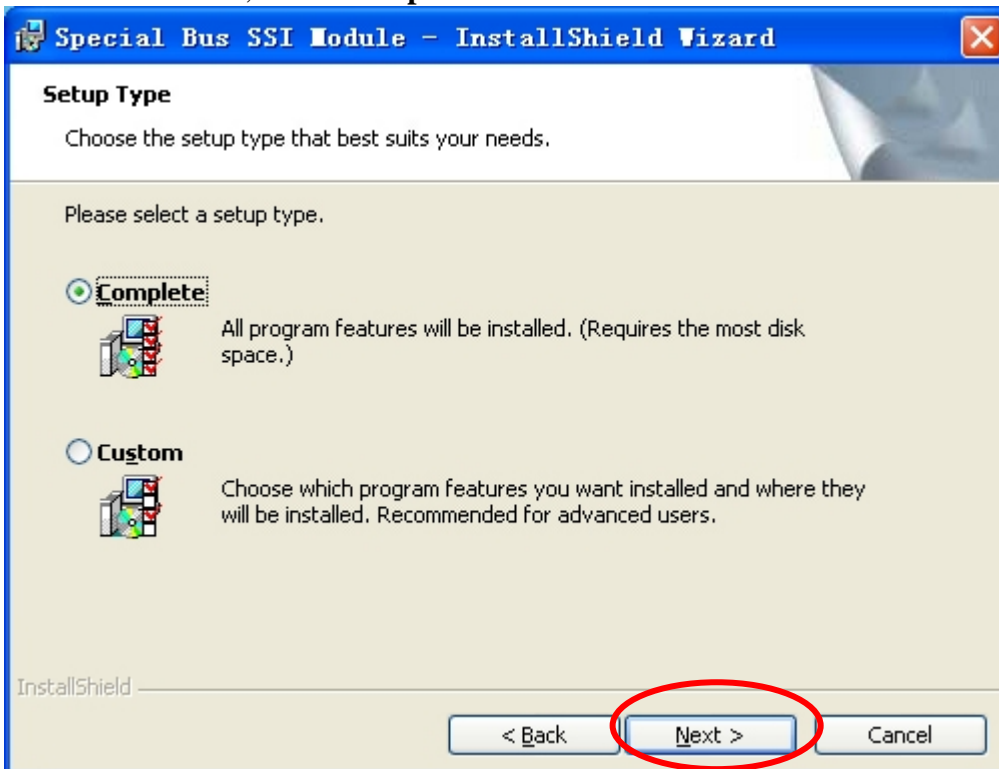
Install this application for:

Anyone who uses this computer (all users)  
 Only for me (番茄花园)

InstallShield

< Back   **Next >**   Cancel


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




**Special Bus SSI Module - InstallShield Wizard**

**Setup Type**  
Choose the setup type that best suits your needs.

Please select a setup type.

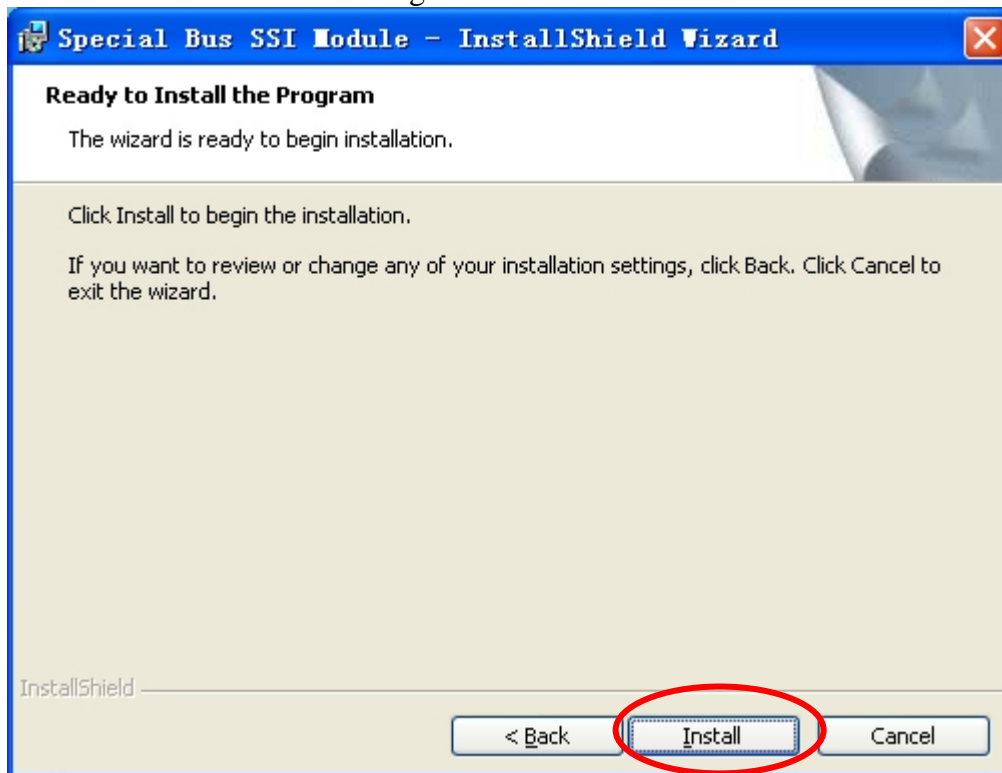
**Complete**  
 All program features will be installed. (Requires the most disk space.)

**Custom**  
 Choose which program features you want installed and where they will be installed. Recommended for advanced users.

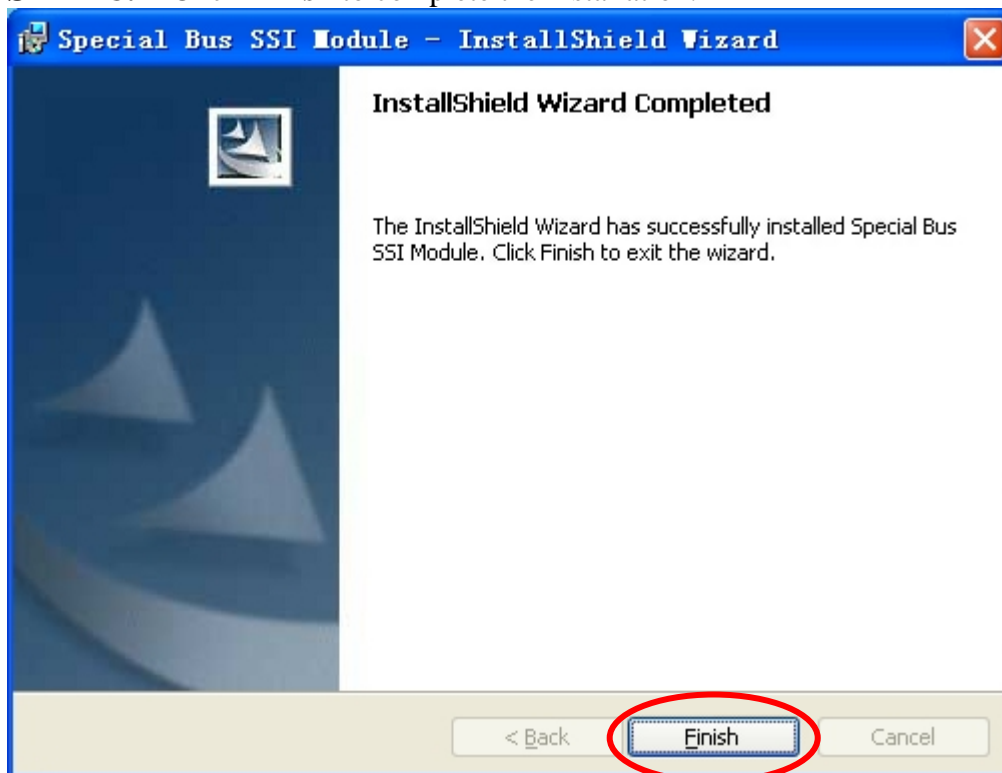
InstallShield

< Back   **Next >**   Cancel

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



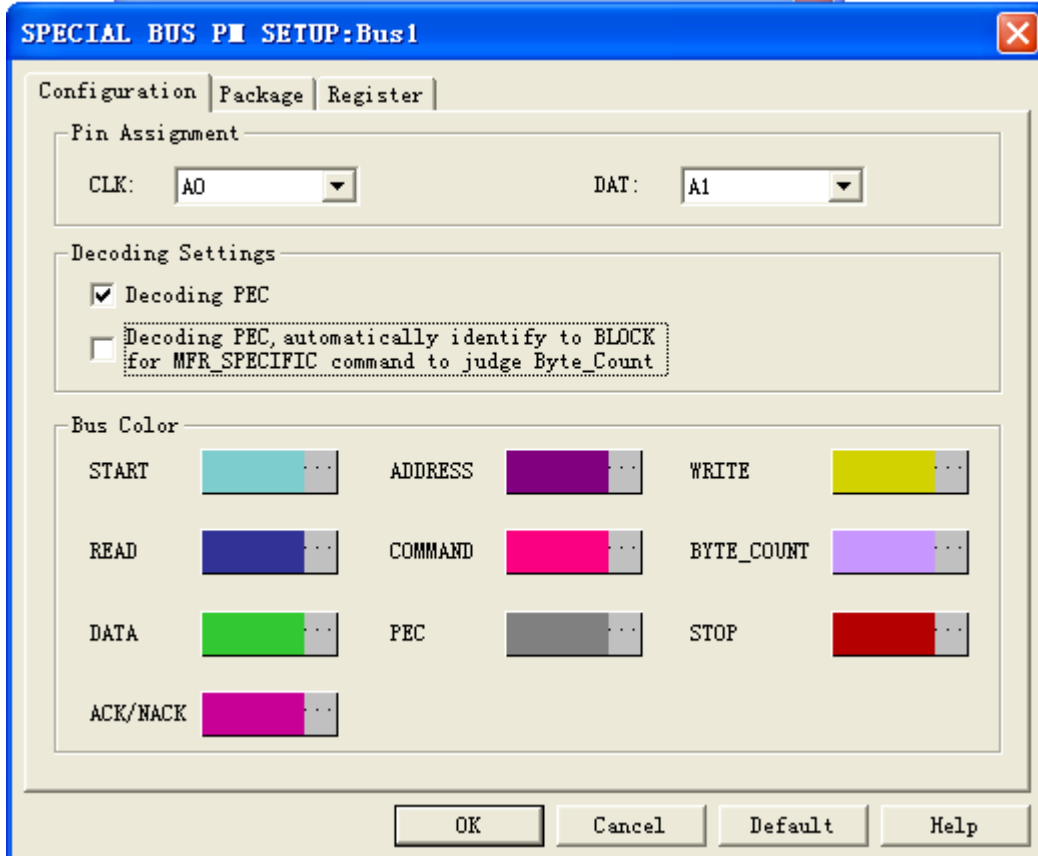
**STEP 8.** Click **Finish** to complete the installation.



## 2 User Interface

In the configuration dialog box, please refer to the below images to select options of setting **PM MODULE**.

### PM Configuration Dialog Box

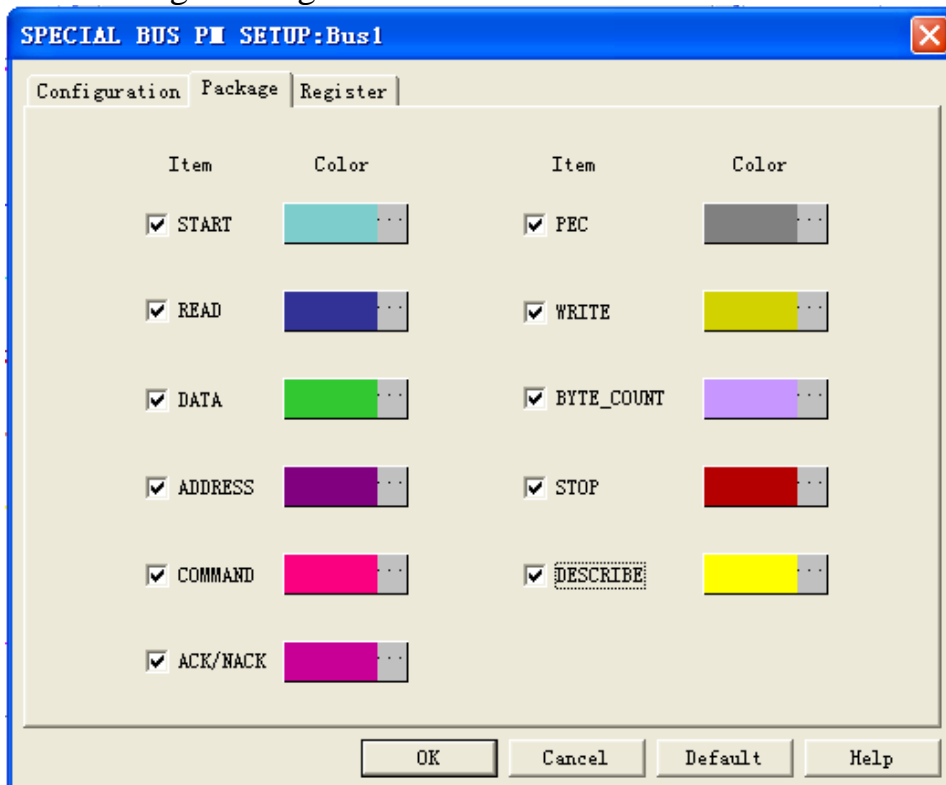


**Pin Assignment** : Set the corresponding signal lines, the default for CLK is A0, the default for DAT is A1.

**Decoding Settings** : Set the special decoding mode , for example , When setting decoding PEC, automatically identify to BLOCK for MFR\_SPECIFIC command to judge Byte\_Count.

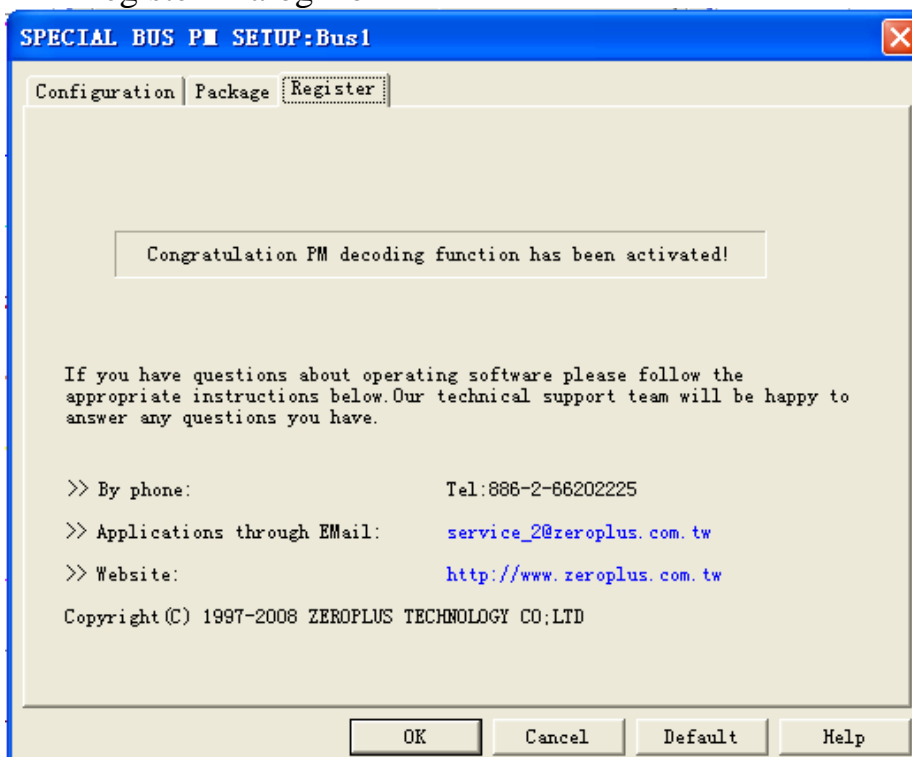
**Bus Color** : User can set and vary the items of the color according to his or her own requirements.

## PM Package Dialog Box



In the package dialog box, User can choose displaying items and set bus color and package length according to his or her own requirements.

## PM Register Dialog Box

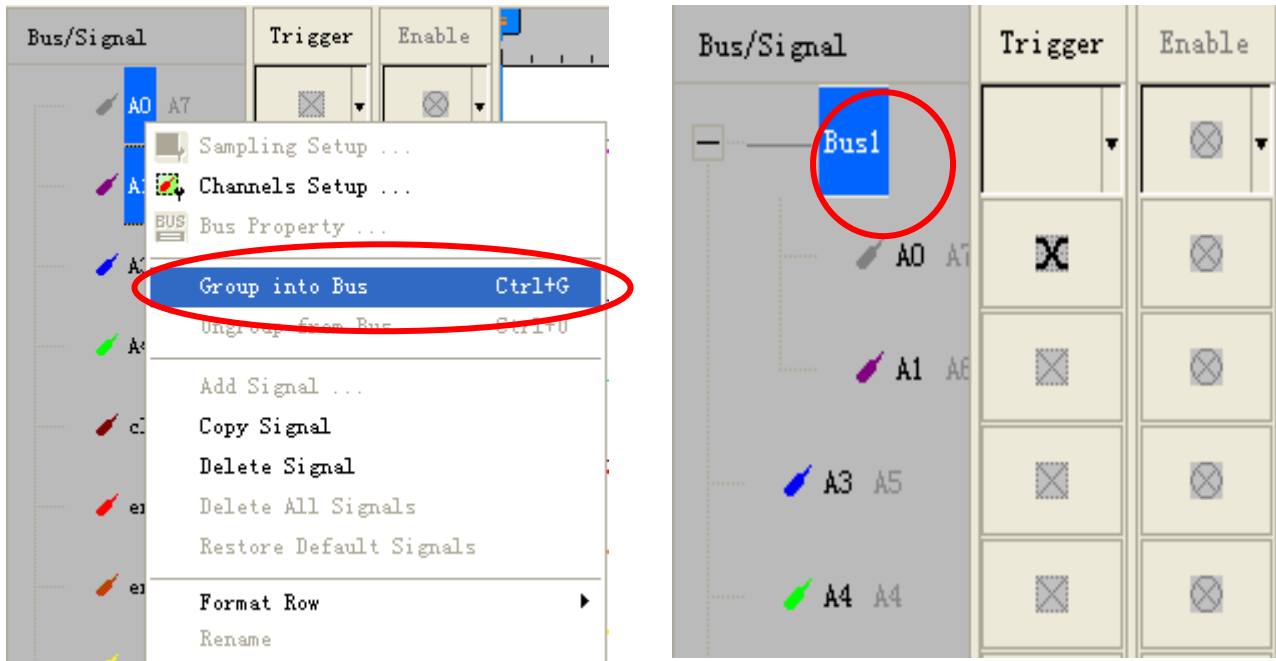


There is written Zeroplus company information details. If you have any questions about software operations, you can contact Zeroplus by Telephone or Email.

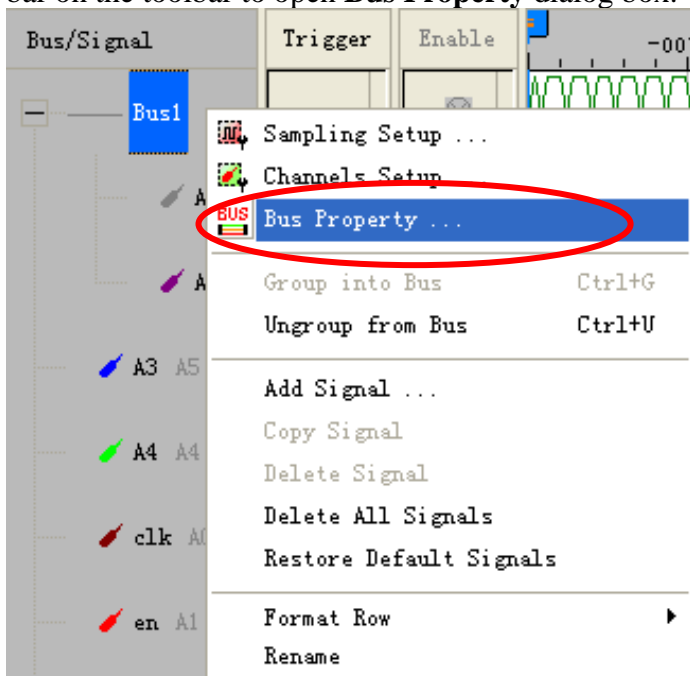


### 3 Operating Instructions

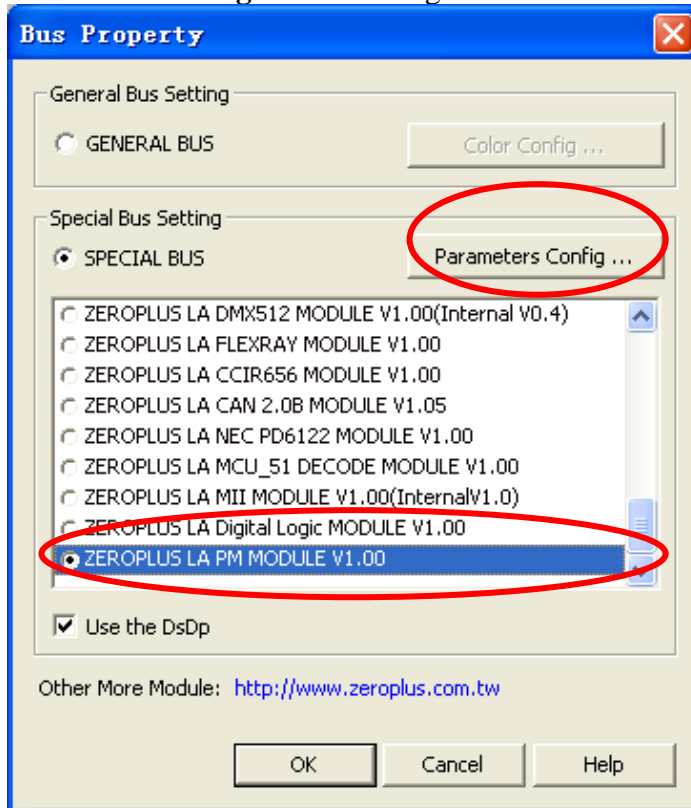
**STEP 1.** First, group the unanalyzed channels into **bus1** by pressing the **Right Key** on mouse



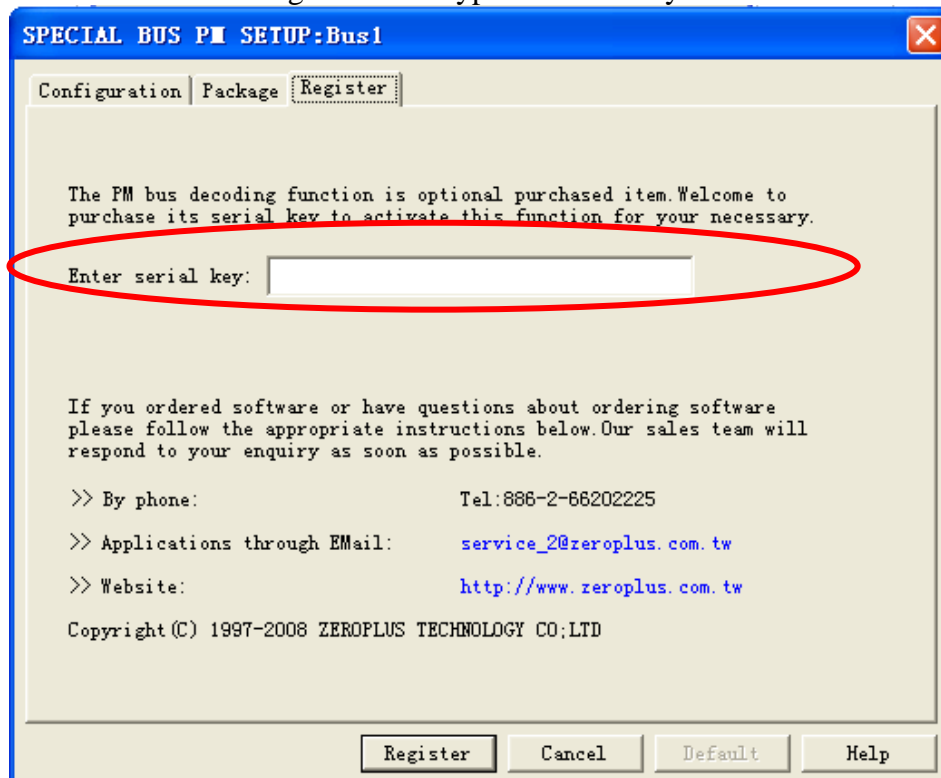
**STEP 2.** Select **Bus1**, then press **Right key** on mouse to list menu, then press **Bus Property** or **Bus** bar on the toolbar to open **Bus Property** dialog box.



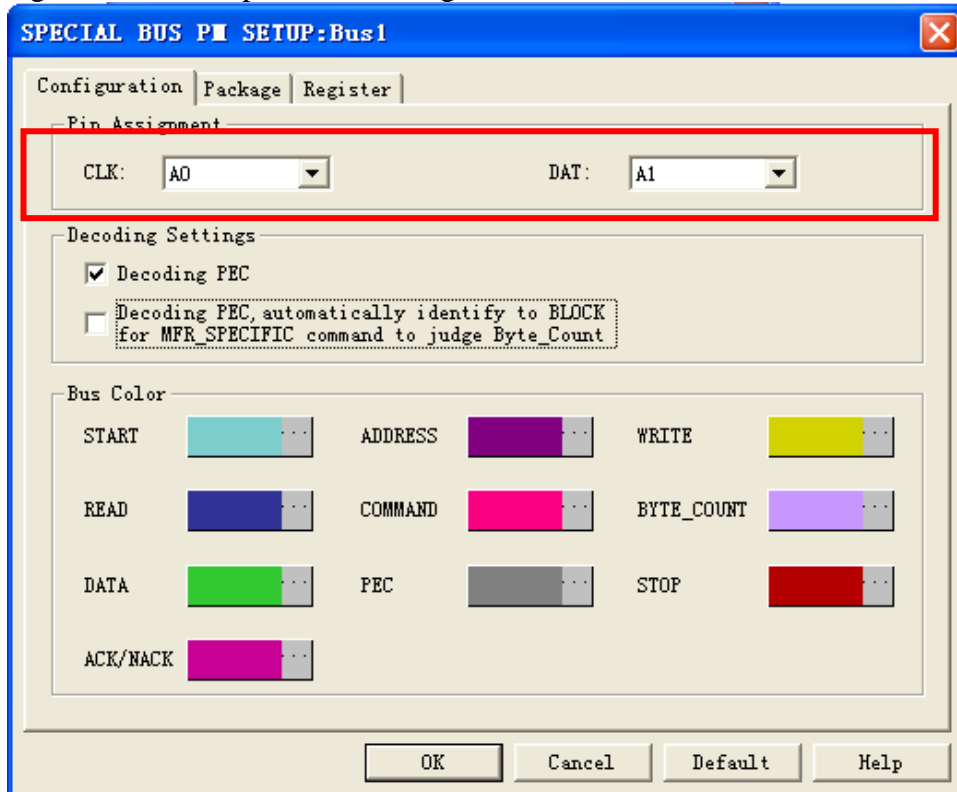
**STEP 3.** For Special Bus PM Parameters Configuration, select Special Bus, and then select **ZEROPLUS LA PM MODULE V1.00**. Next click **Parameters Configuration** to open **Parameters Configuration** dialog box.



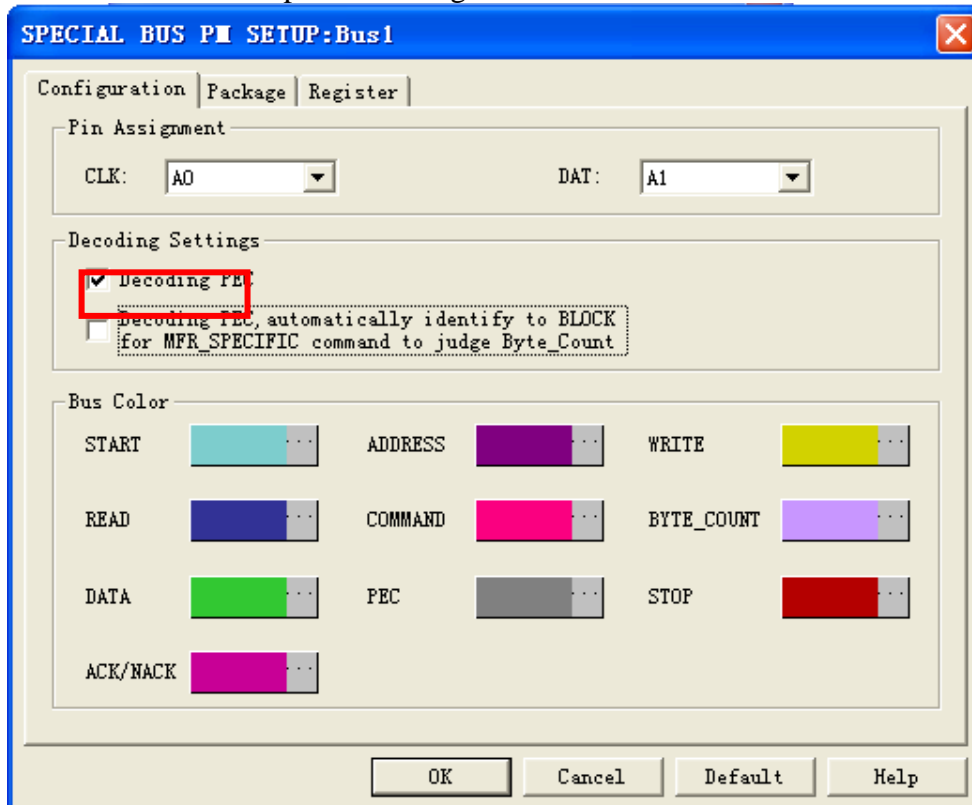
**STEP 4.** Click Register tab to type the serial key number of **PM** .Then, press **Register**.



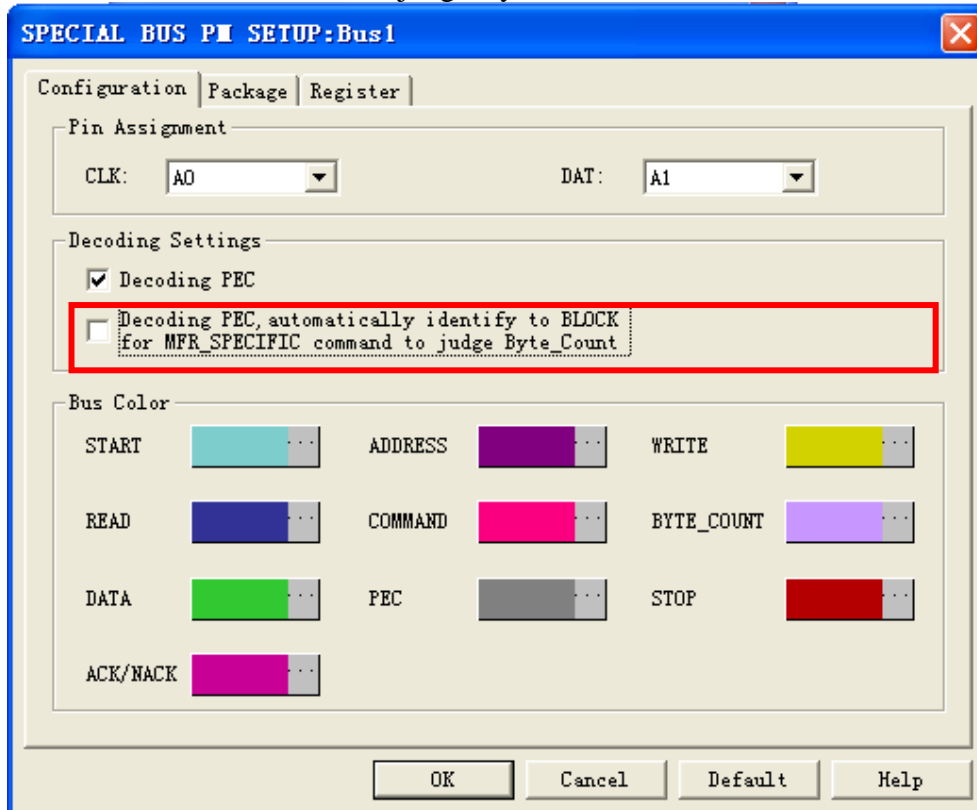
**STEP 5.** Open the configuration dialog box , select the corresponding PM signal lines in the part of Pin Assignment .



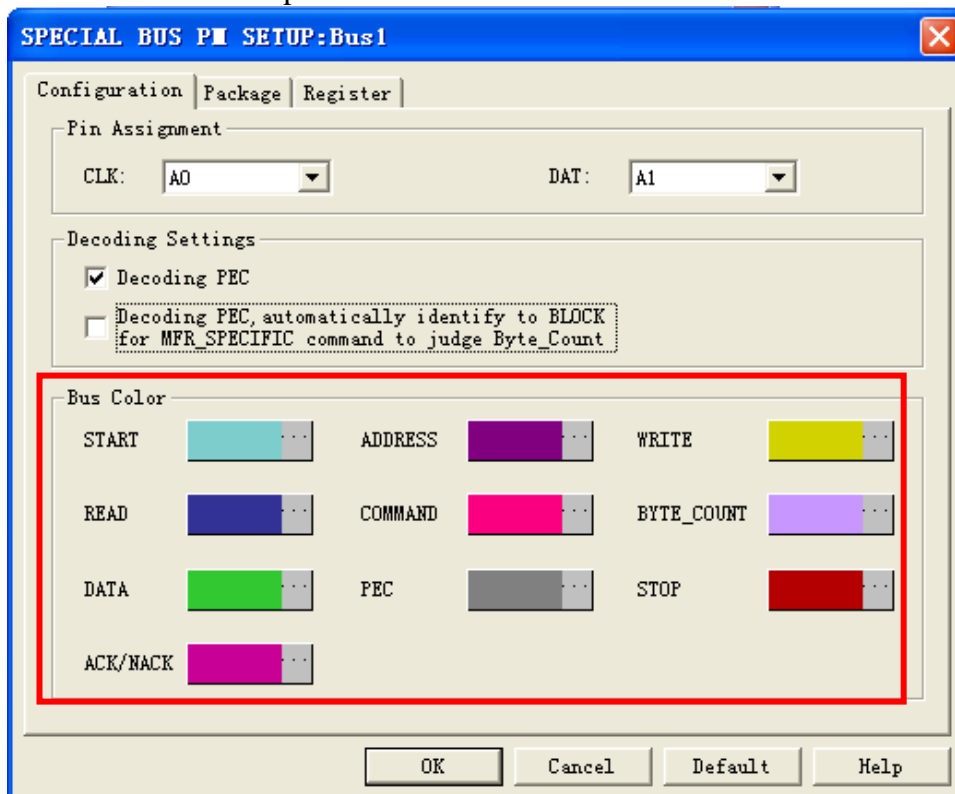
**STEP 6.** The setup of Decoding PEC .



**STEP 7.** When setting decoding PEC, automatically identify to BLOCK for MFR\_SPECIFIC command to judge Byte\_Count.

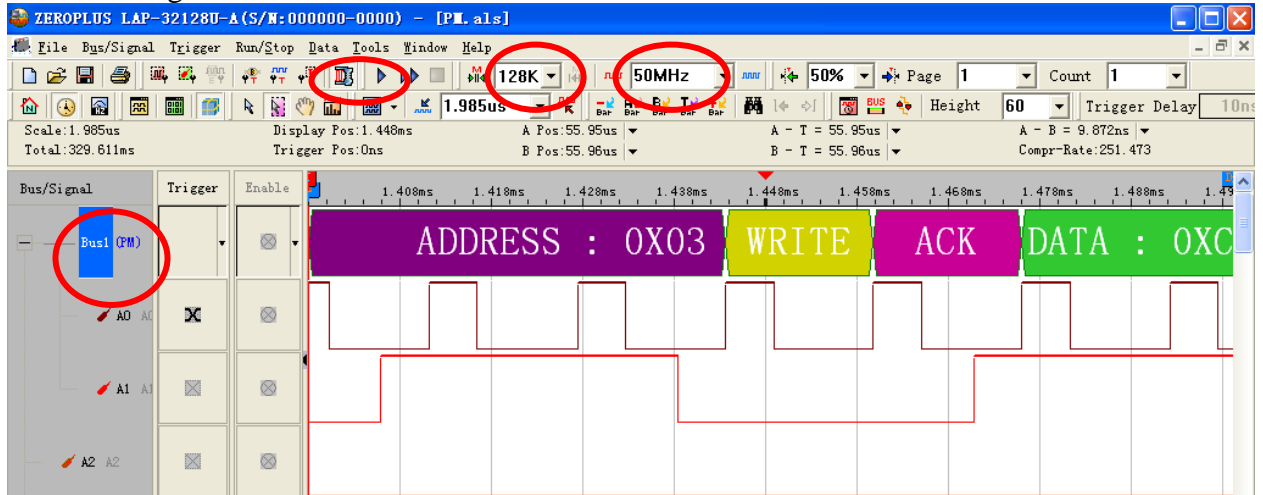


**STEP 8.** The setup of Bus Color .



**STEP 9.** Following pictures show the completion of the Bus decoding and package list . The conditions are set as either edge ,Memory depth is 128K, Sampling frequency is 50MHZ The compression mode is activated.

**Bus Decoding**



**Package List**

