



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

SPECIFICATION

MODEL:B10001-LAP-S2Cwire/AS2Cwire-M

PART NO: _____

VERSION: V1.01

Approver		Check	Design
GM	PM		

Customer Confirm

*Please fax the file to Zeroplus Technology after signing.

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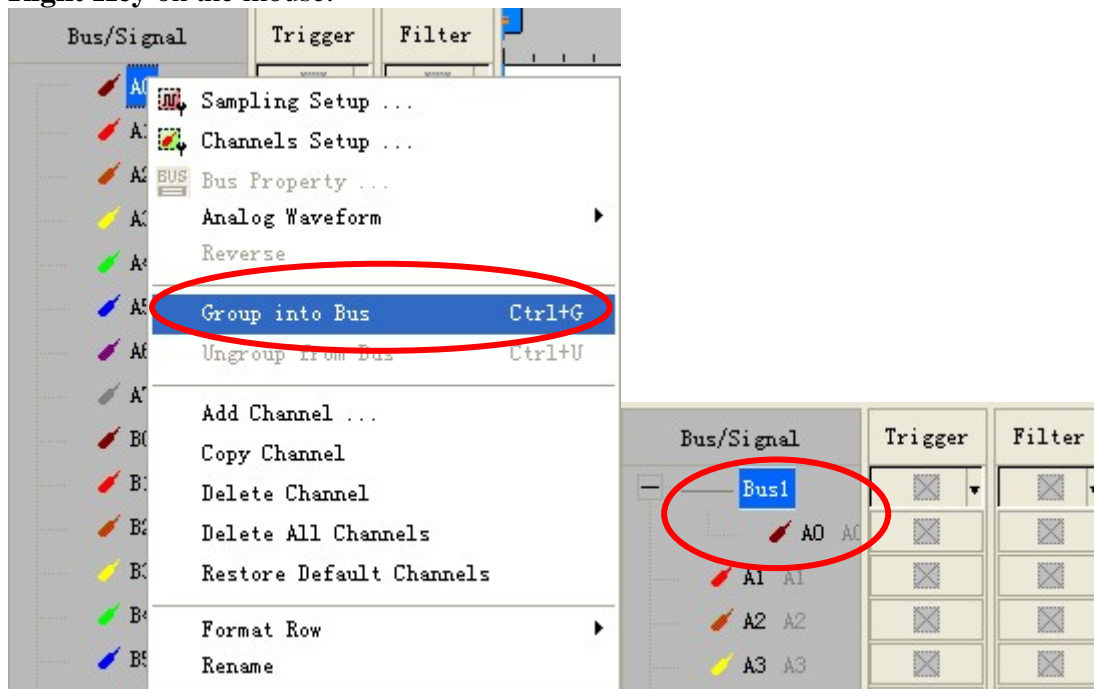
1. Software Register

Please register the software as the following steps:

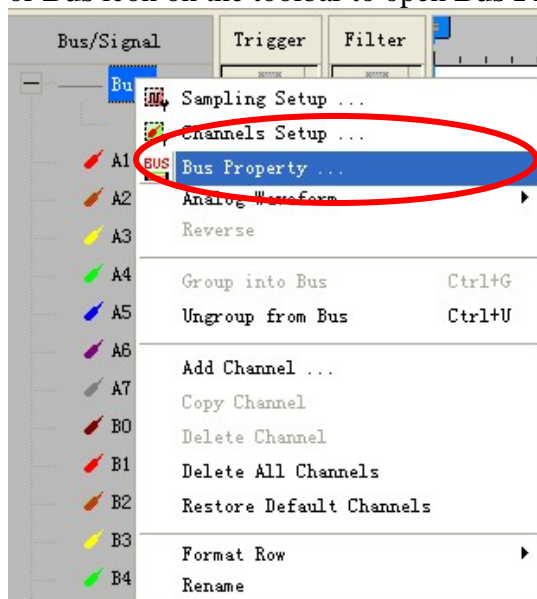
※ Remark1: The registration steps for all protocol analyzers are the same; you can complete the registration by following procedures. Following is an example on how to register the Protocol Analyzer BUS.

※ 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.

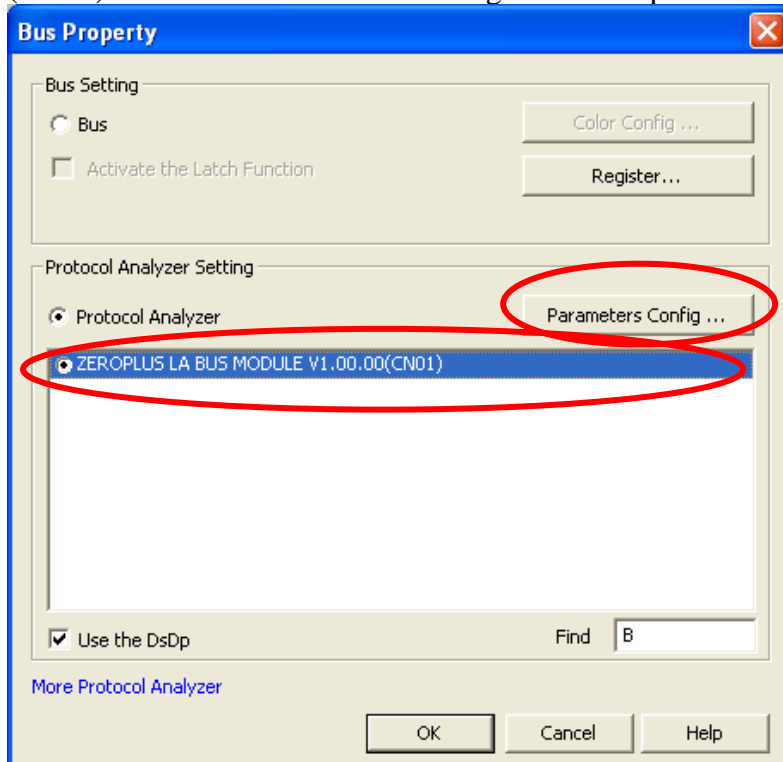


STEP 2. Select **Bus 1**, then press **Right Key** on the mouse to list the menu, then press **Bus Property** or **Bus** icon on the toolbar to open **Bus Property** dialog box.

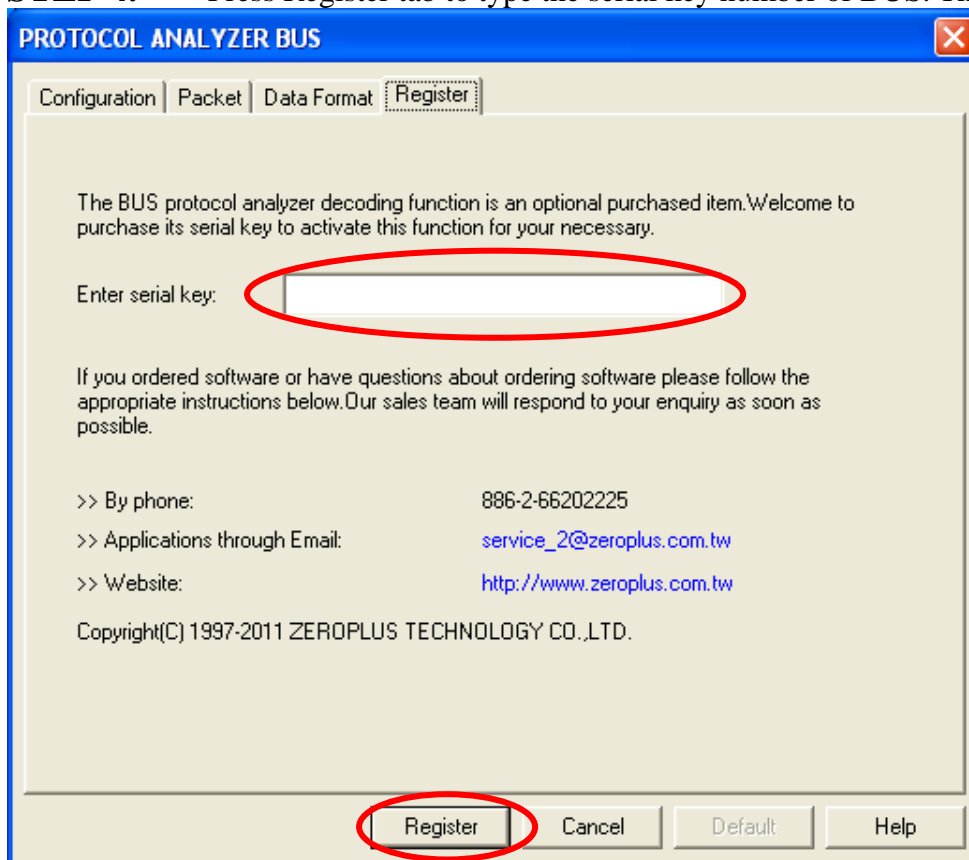




STEP 3. Select the Protocol Analyzer, and then choose **ZEROPLUS LA BUS MODULE V1.00.00 (CN01)**. Next click Parameters Configuration to open Protocol Analyzer Bus dialog box.

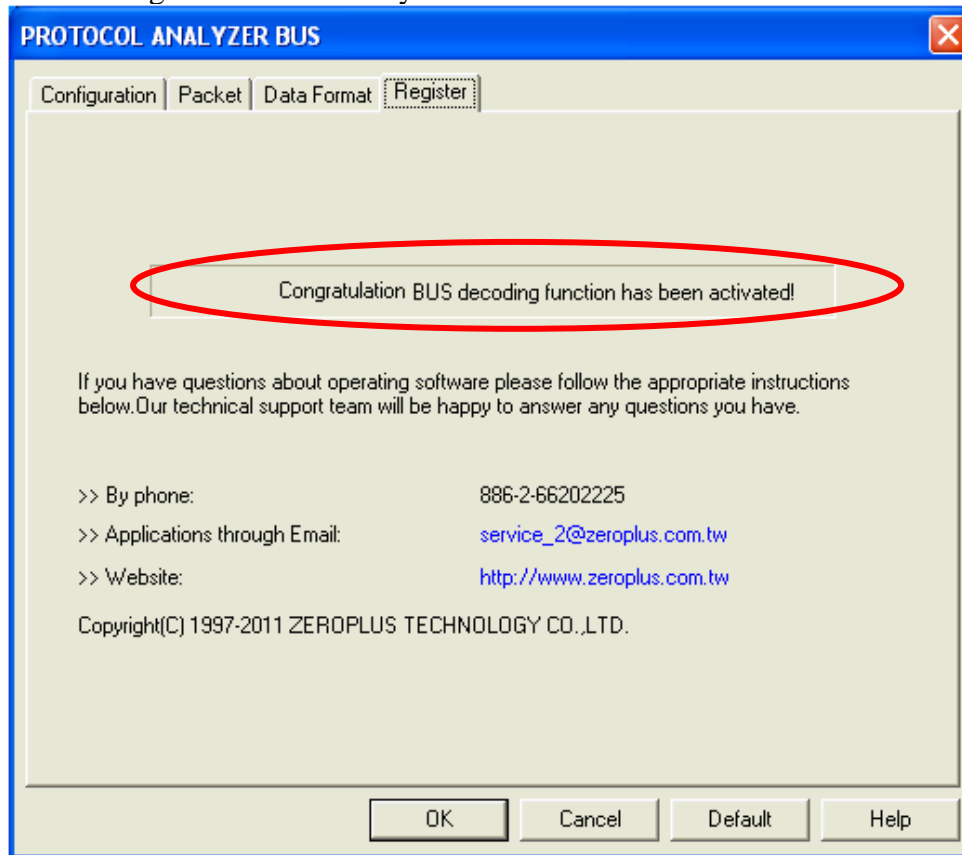


STEP 4. Press Register tab to type the serial key number of BUS. Then press Register.





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

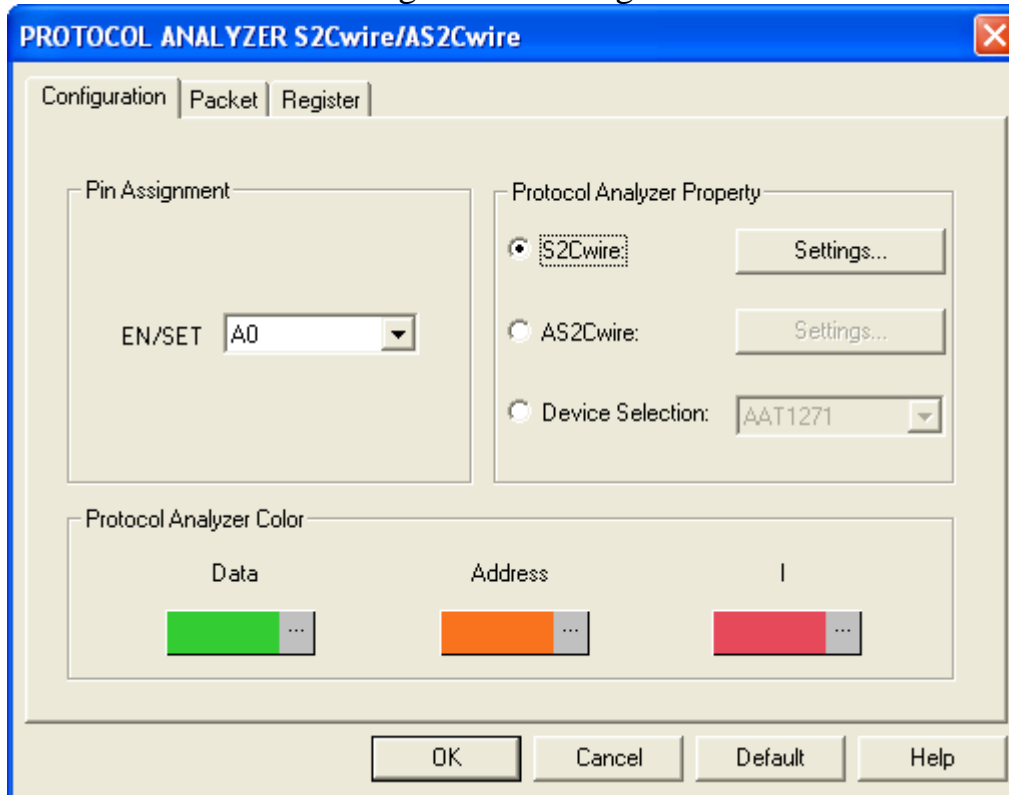




2. User Interface

In the configuration, please refer to below images to select options of **S2Cwire/AS2Cwire** module.

S2Cwire/AS2Cwire Configuration Dialog Box



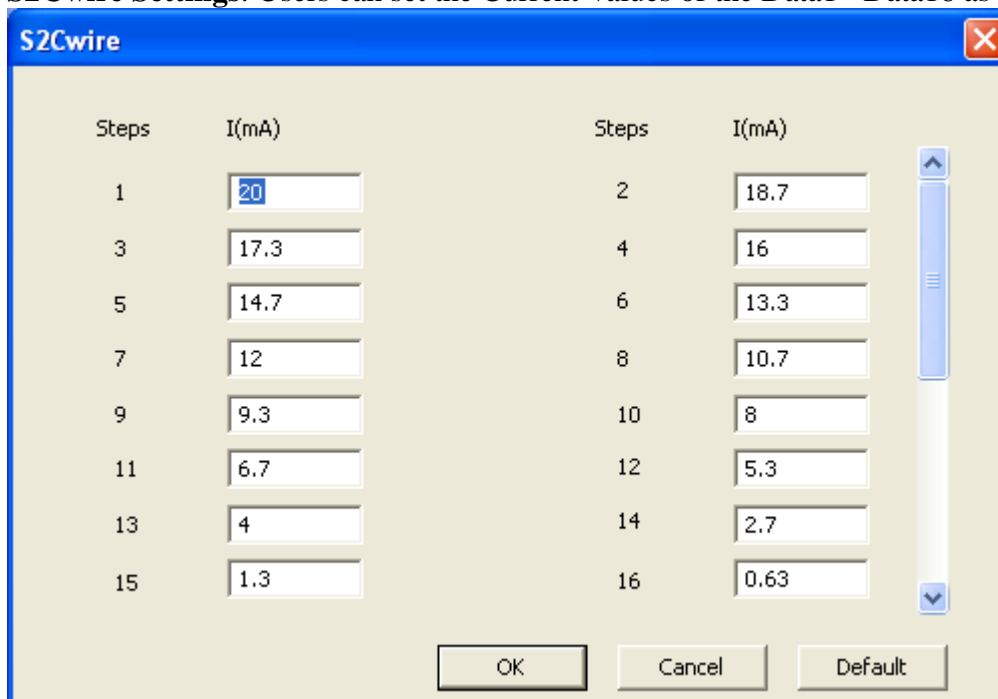
Pin Assignment:

S2Cwire/AS2Cwire only needs one channel to decode.

Protocol Analyzer Color: The **Protocol Analyzer Color** can be varied by users.

Protocol Analyzer Property: Users can only select one item at one time.

S2Cwire Settings: Users can set the Current Values of the Data1 ~Data16 as their requirements.





AS2Cwire Settings: Users can decode the seventeen Rising Edges as the Address0 or Address1, and they also can set the Current Values of the Data1 ~Data16 as their requirements.

The AS2Cwire Settings dialog box contains two columns of settings. Each column has a 'Steps' column, a 'Name' column with a dropdown menu, and a 'Value' column with a 'Settings...' button. The first column lists steps 1 through 21, and the second column lists steps 2 through 22. At the bottom, there are 'OK', 'Cancel', and 'Default' buttons.

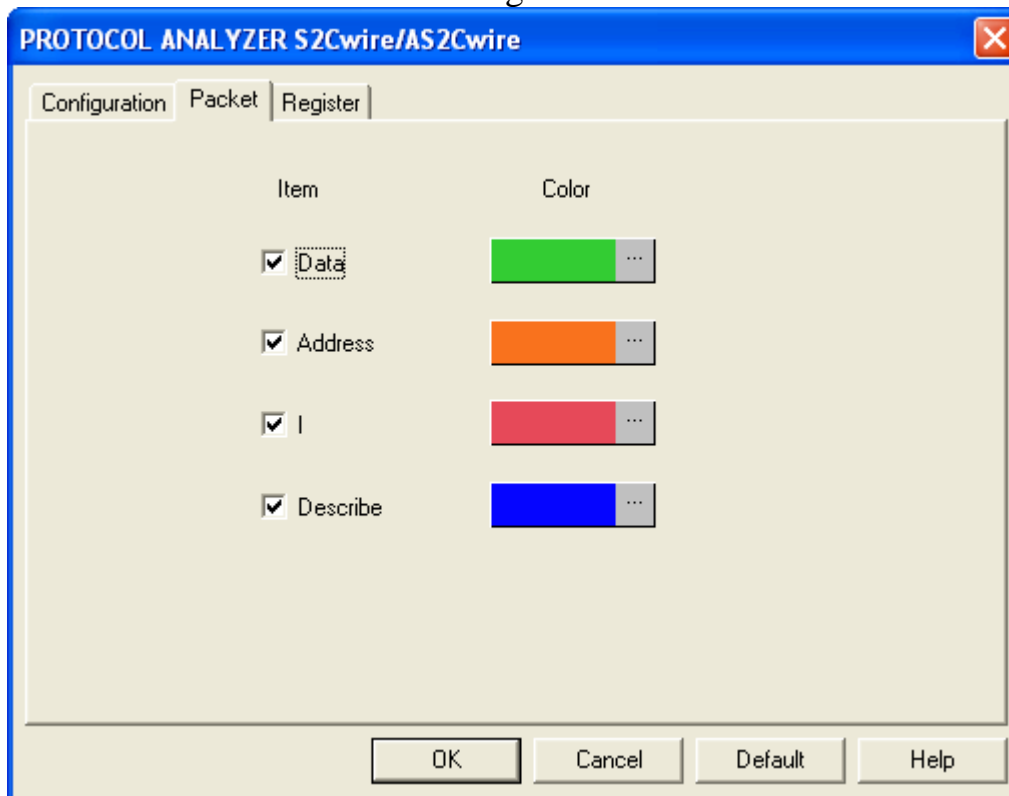
Steps	Name	Value	Steps	Name	Value
1	Data	Settings...	2	Data	Settings...
3	Data	Settings...	4	Data	Settings...
5	Data	Settings...	6	Data	Settings...
7	Data	Settings...	8	Data	Settings...
9	Data	Settings...	10	Data	Settings...
11	Data	Settings...	12	Data	Settings...
13	Data	Settings...	14	Data	Settings...
15	Data	Settings...	16	Data	Settings...
17	Data	Settings...	18	Data	Settings...
19	Data	Settings...	20	Data	Settings...
21	Data	Settings...	22	Data	Settings...

Device Selection: The Device can be selected as AAT1271, AAT2847, AAT3129, AAT3151B or AAT4292.

The PROTOCOL ANALYZER S2Cwire/AS2Cwire Configuration dialog box has three tabs: 'Configuration', 'Packet', and 'Register'. The 'Configuration' tab is active. It contains a 'Pin Assignment' section with an 'EN/SET' dropdown menu set to 'A0'. The 'Protocol Analyzer Property' section has three radio buttons: 'S2Cwire:', 'AS2Cwire:', and 'Device Selection:'. The 'Device Selection:' radio button is selected, and its dropdown menu is open, showing a list of device options: AAT1271, AAT2847, AAT3129, AAT3151B, and AAT4292. The 'Protocol Analyzer Color' section has three color swatches: Data (green), Address (orange), and an unlabeled one (red). At the bottom, there are 'OK', 'Cancel', 'Default', and 'Help' buttons.

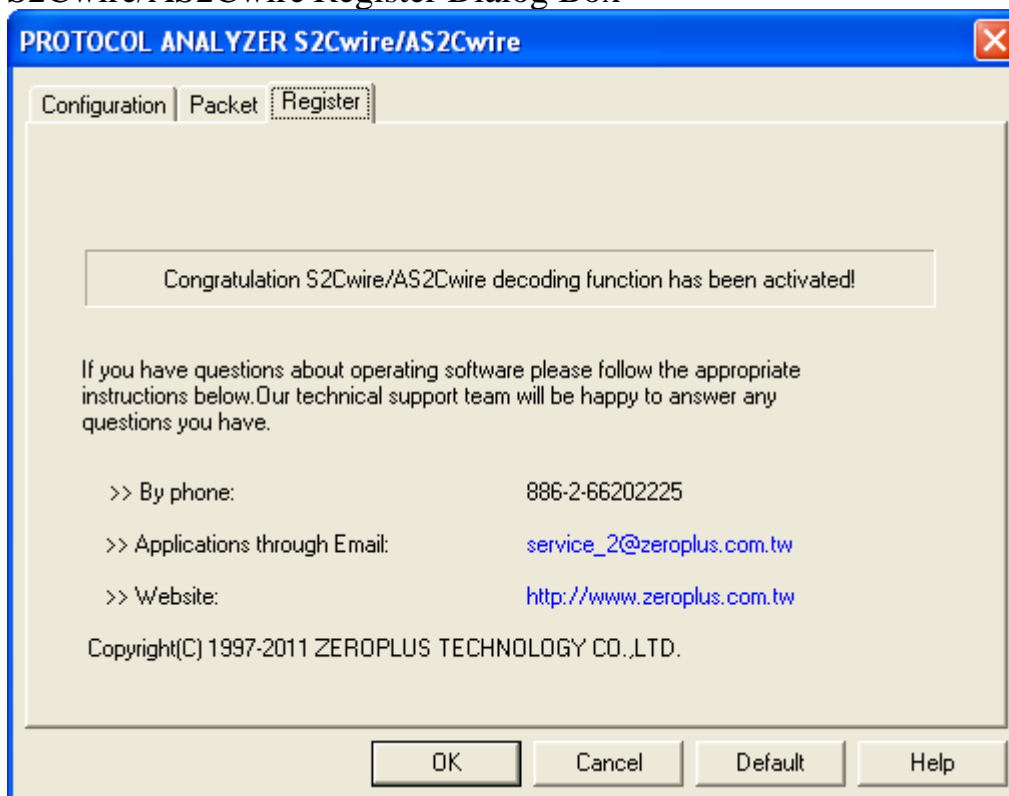


S2Cwire/AS2Cwire Packet Dialog Box



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

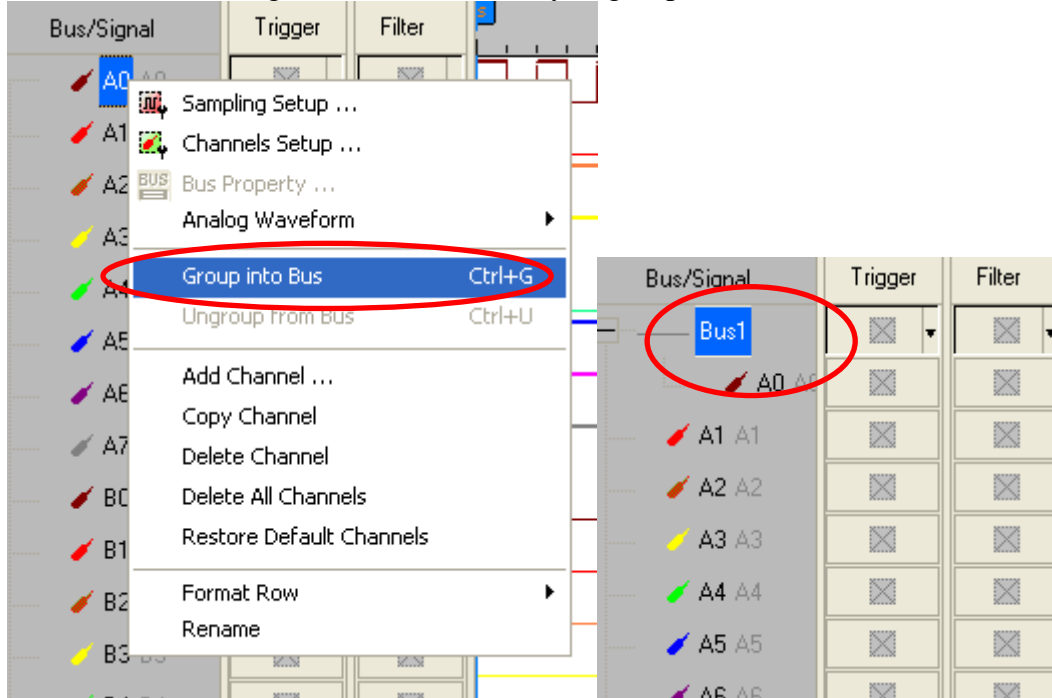
S2Cwire/AS2Cwire Register Dialog Box



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

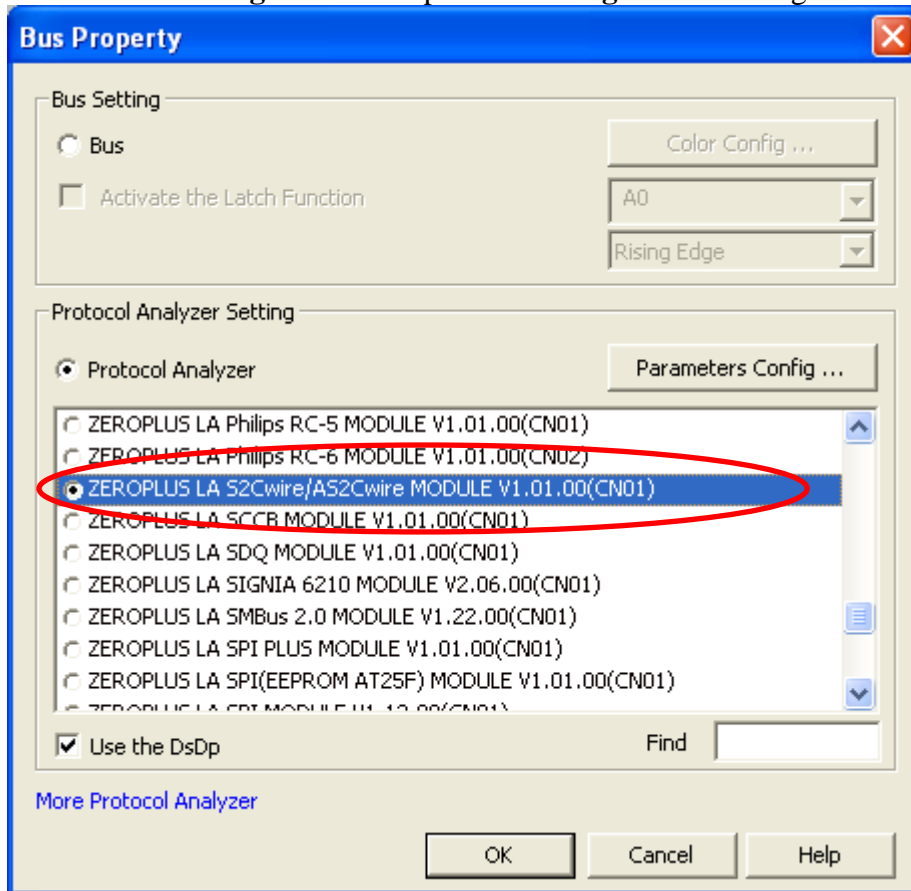
3. Operating Instructions

STEP 1. Group A0 into **Bus1** by pressing the **Right Key** on the mouse. S2Cwire/AS2Cwire needs one channel to decode signals, so it is necessary to group one or more channels into a Bus.

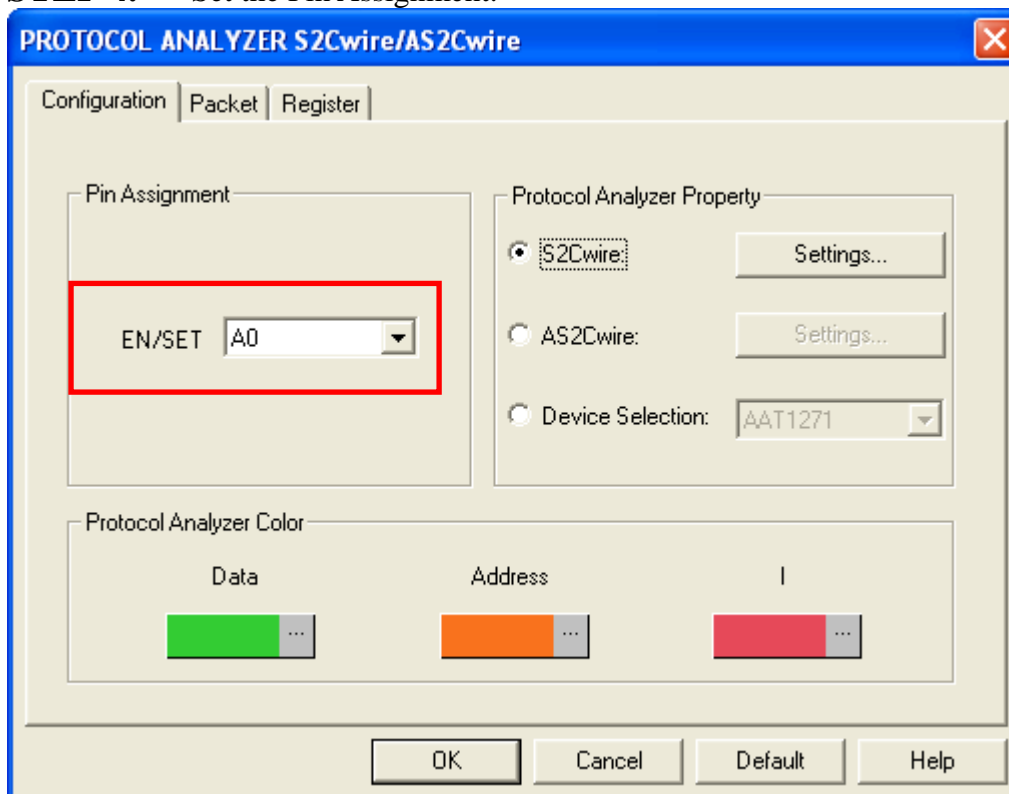




STEP 3. For Protocol Analyzer S2Cwire/AS2Cwire Parameters Configuration, select Protocol Analyzer, and then choose **ZEROPLUS LA S2Cwire/AS2Cwire MODULE V1.01.00(CN01)**. Next click **Parameters Configuration** to open the **Configuration** dialog box.

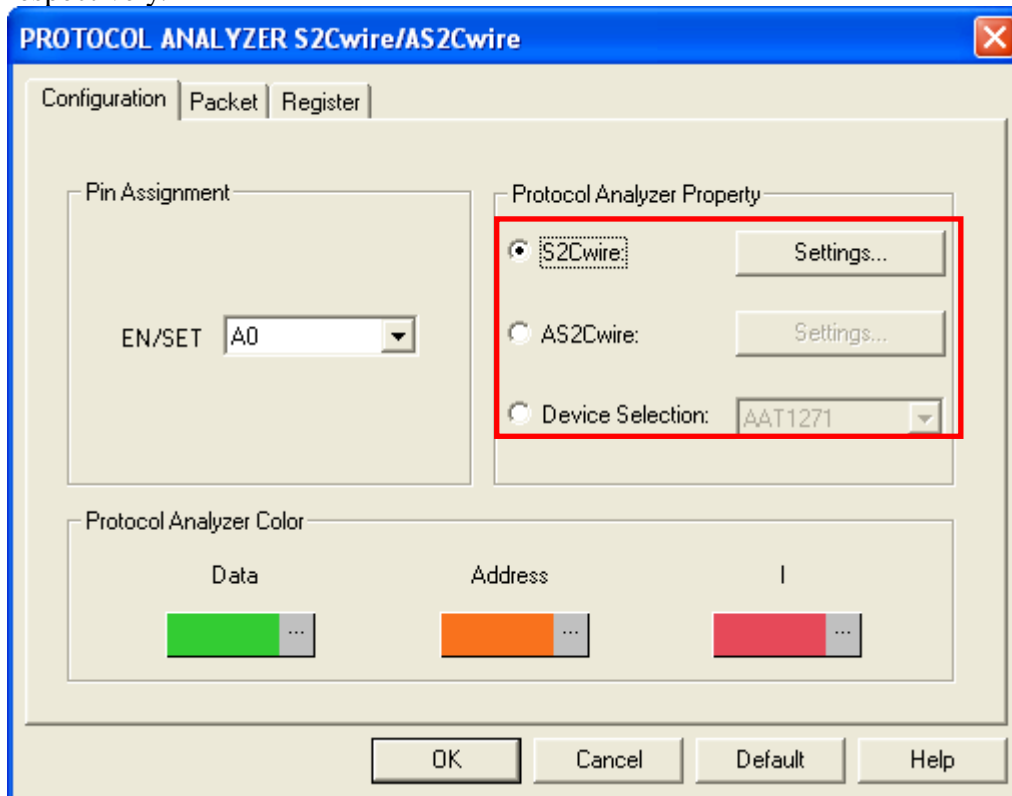


STEP 4. Set the Pin Assignment.

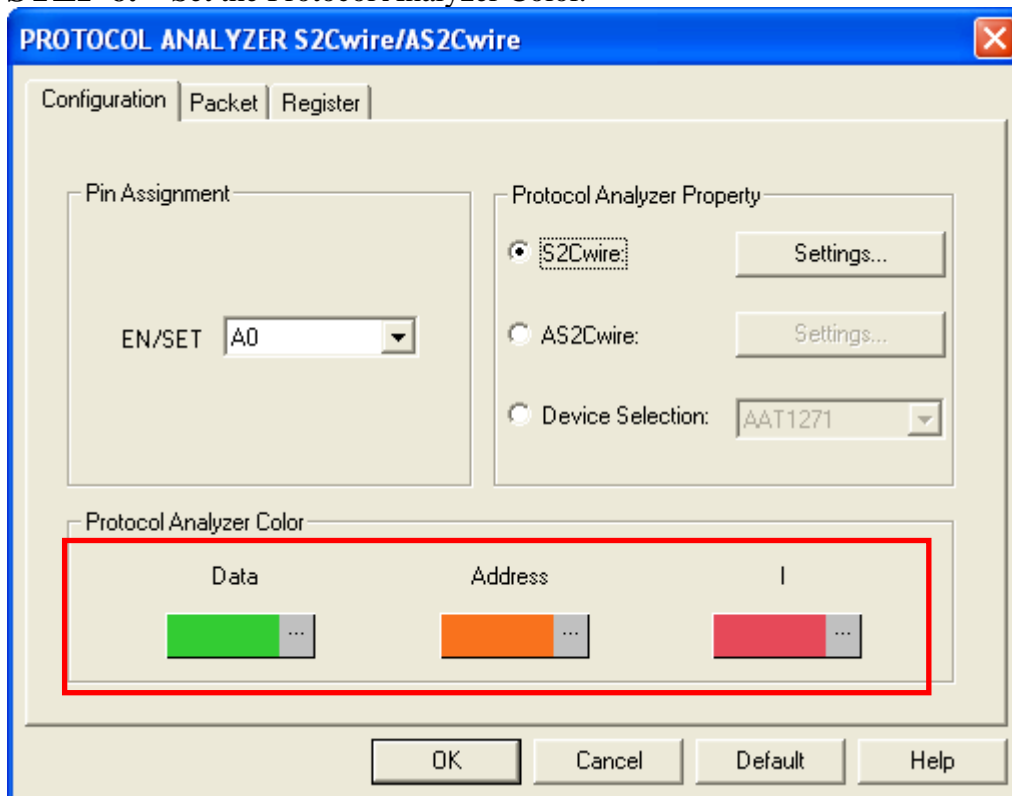




STEP 5. Set the Protocol Analyzer Property by clicking S2Cwire, AS2Cwire and Device Selection respectively.

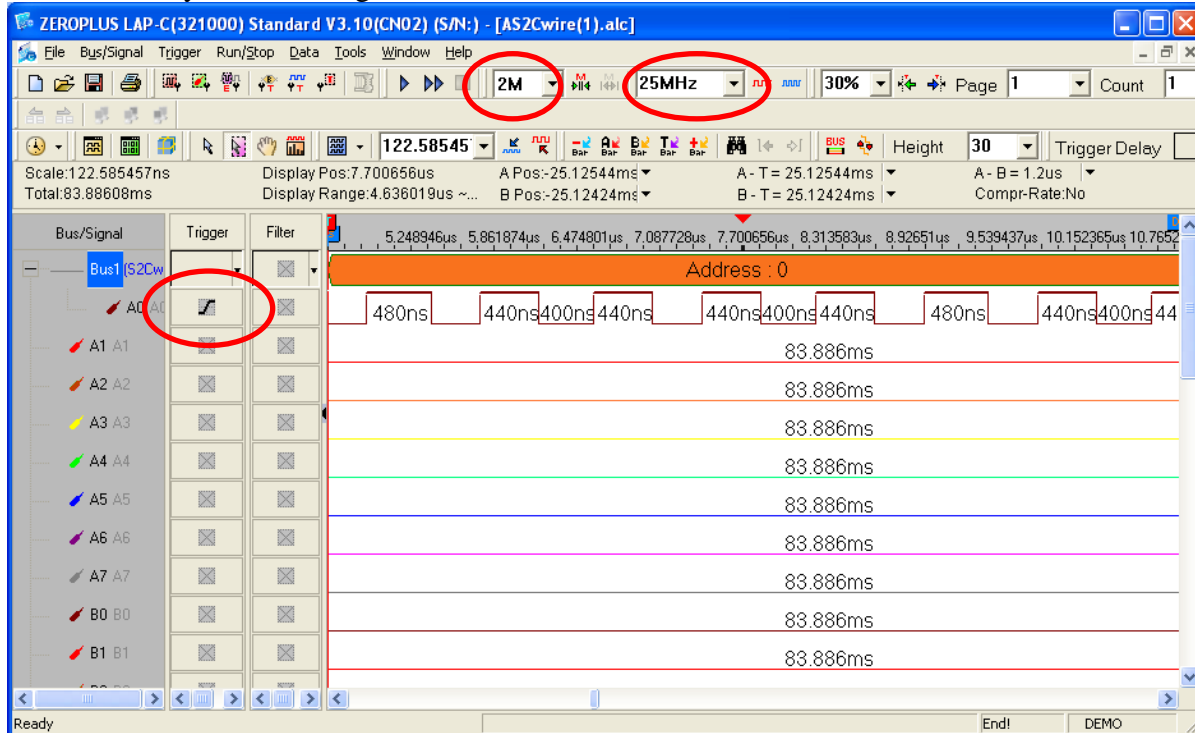


STEP 6. Set the Protocol Analyzer Color.



STEP 7. Following pictures show the completion of the protocol analyzer decoding and packet list. The trigger condition is set as Rising Edge, the memory depth is 2M; the sampling frequency is 25 MHz (the sampling frequency should be more than eight times higher than the signal to be tested).

Protocol Analyzer Decoding



Packet List

