

SPECIFICATION

MODEL: 016-LAP-MILLER-M

PART NO : _____

VERSION : V1.07

Approver		Check	Design
GM	PM		

Customer Confirm

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1. 软件注册

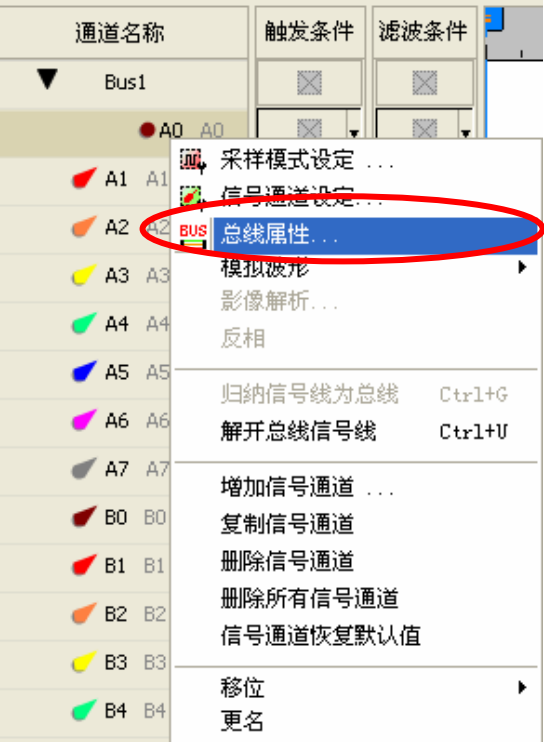
软件注册请依照下列步骤进行注册。

- ※ 注 1: 所有总线注册程序皆相同，注册时依照程序即可，下图注册以 **BUS** 总线协议为范例，藉以参考。
- ※ 注 2: 本说明书若有任何改动恕不另行通知。因模组版本升级而造成的与本说明书不符，以模组软件为准。

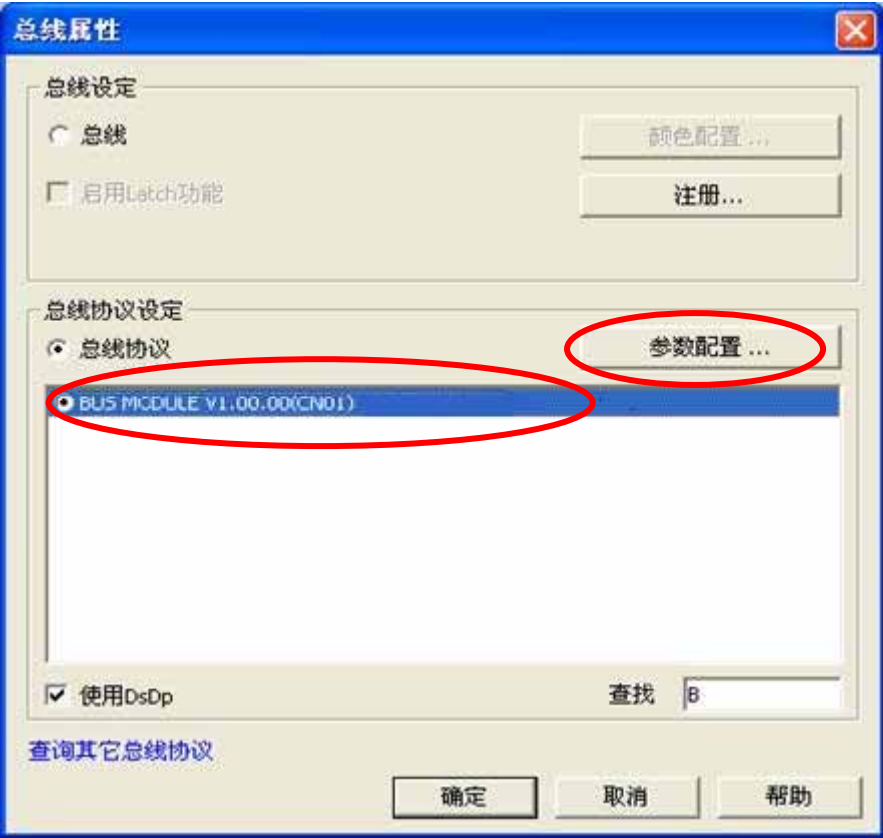
STEP 1. 打开逻辑分析仪软体，在通道名称区域右键，点选归纳信号线为总线，把 A0 归纳为 Bus1。



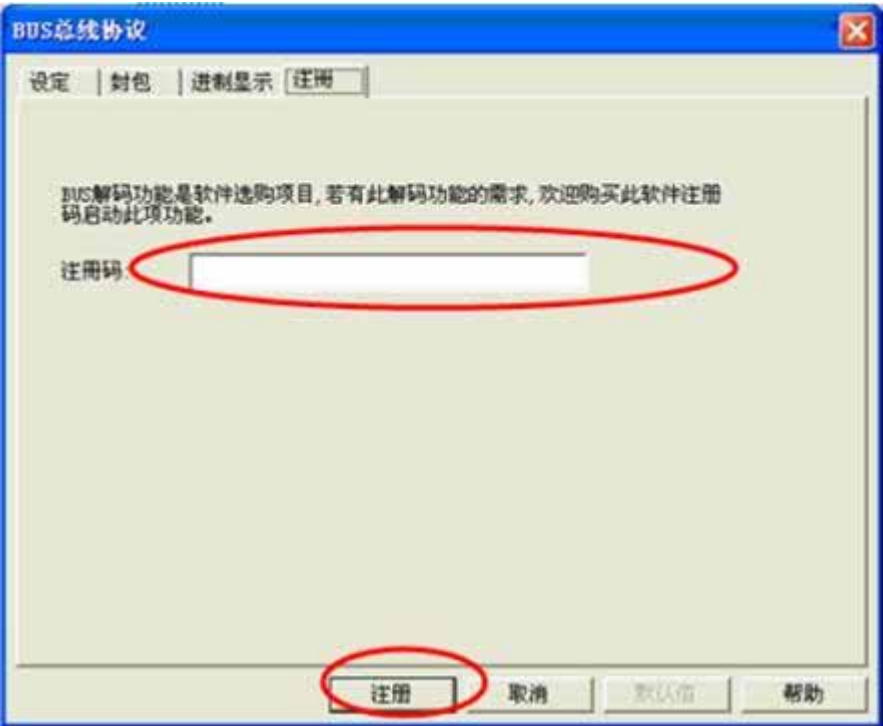
STEP 2. 选择 Bus1，再在通道区域右键，点选总线属性，调出总线属性对话框。



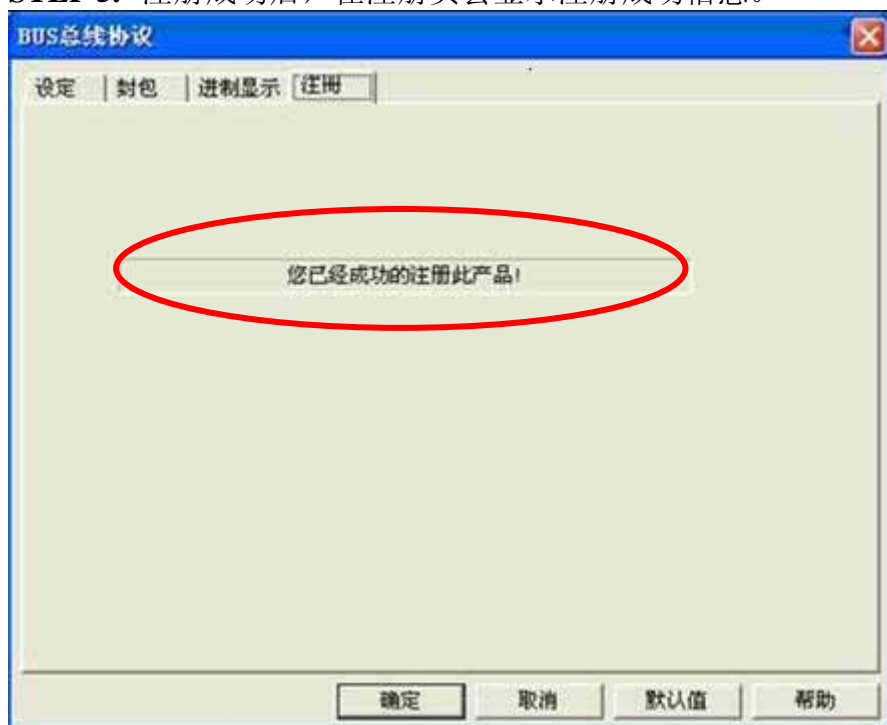
STEP 3. 在总线属性对话框，点选 BUS MODULE V1.00.00 (CN01)，再单击参数配置按钮，调出该模组设定对话框。



STEP 4. 点选注册页签，输入该机型的 BUS 注册码，按下注册按钮进行注册。



STEP 5. 注册成功后，在注册页会显示注册成功信息。



2. 人机界面

设定部分，请参考下图界面。

设定页

■ILLER总线协议

设定

封包

进制显示

注册

通道设定

讯号通道：

A0

总线协议设定

数据长度：

8

开始位：

1

结束位：

有

奇偶校验：

Odd parity

位时钟：

100us

允许误差：

10%

总线协议颜色

Start

Data

Parity

Stop

确定

取消

默认值

帮助

通道设定：

讯号通道：只需要 1 线解码，默认为 A0。

总线协议设定：

数据长度：可设定 1~65535 之间的 Bits，默认值为 8 Bits。

结束位：可设定有或无结束位，默认值为有。

位时钟：数据 Bit 的时间长度，默认值为 100us。

开始位：0 与 1 皆可设定为开始，默认值为 1。

奇偶校验：可设定 Odd parity、Even parity、None parity，默认值为 Odd parity。

允许误差：可设定 5%、10%、15%，默认值为 10%。

总线协议颜色：

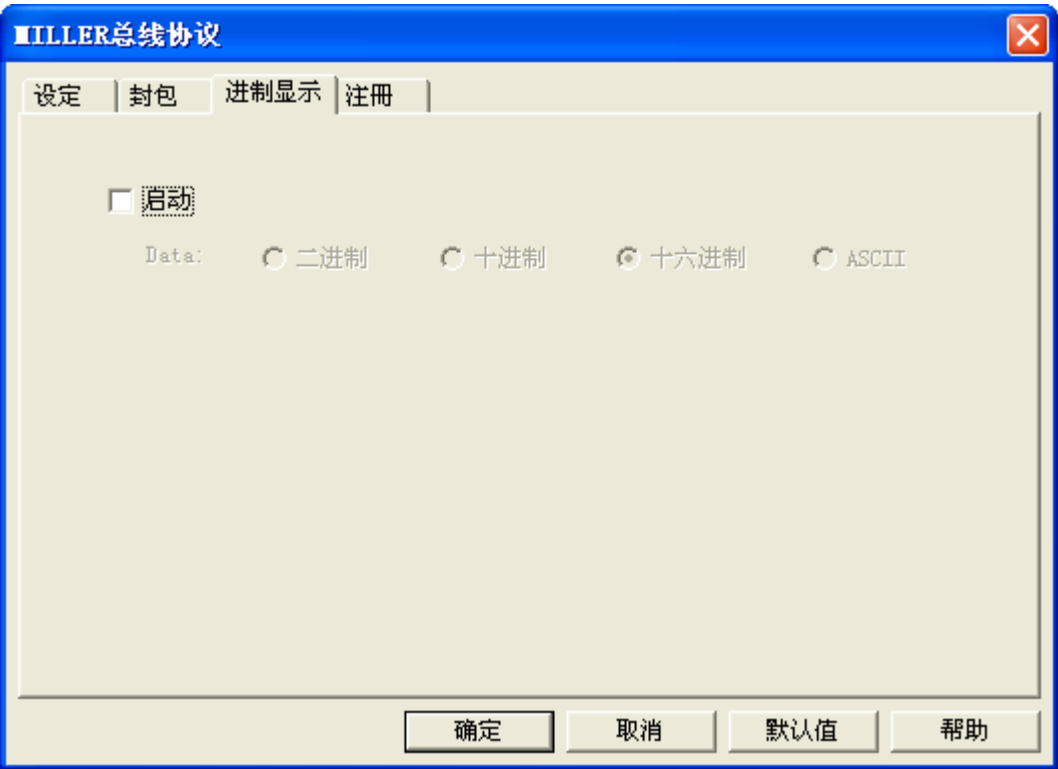
使用者可自行设定解码字段颜色。

封包页



封包部分可依使用者选择相关颜色进行调整。

进制显示



进制显示不启用时，为灰色状态，不可点选进制设定。

注册页

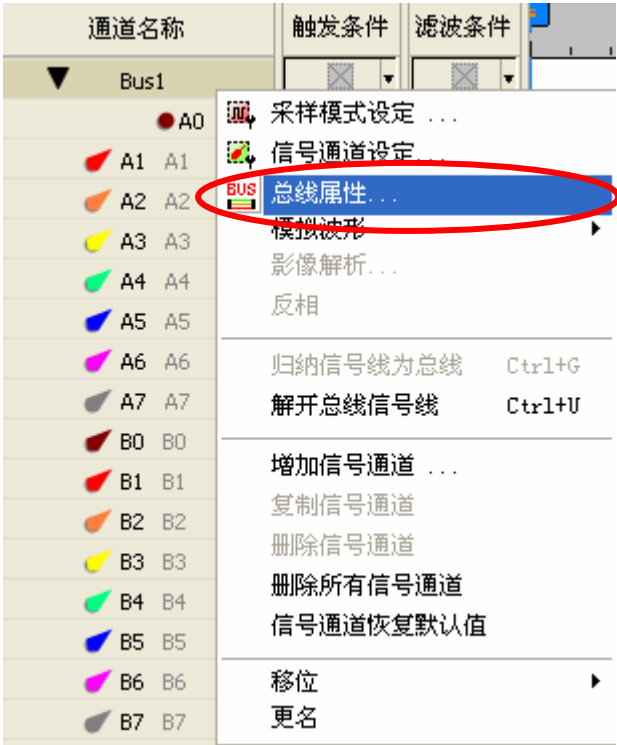


3. 使用说明

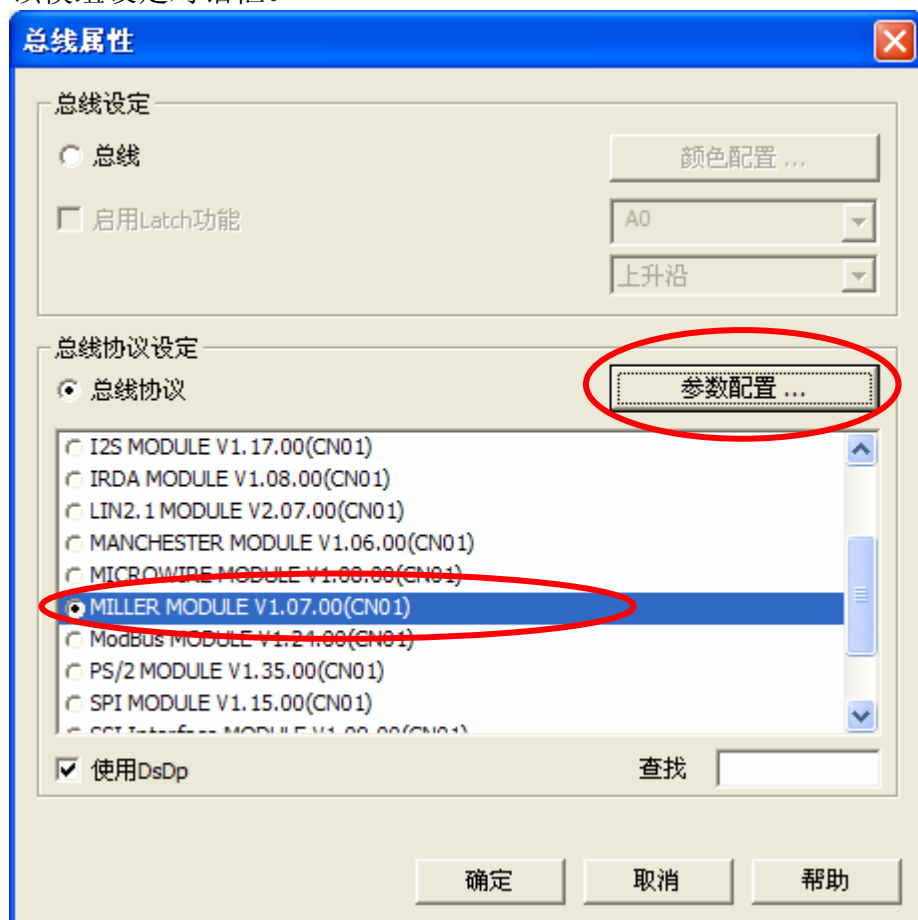
STEP 1. 在通道名称区域右键，点选归纳信号线为总线，把 A0 归纳为 Bus1，MILLER 总线协议只需要 1 线解码。



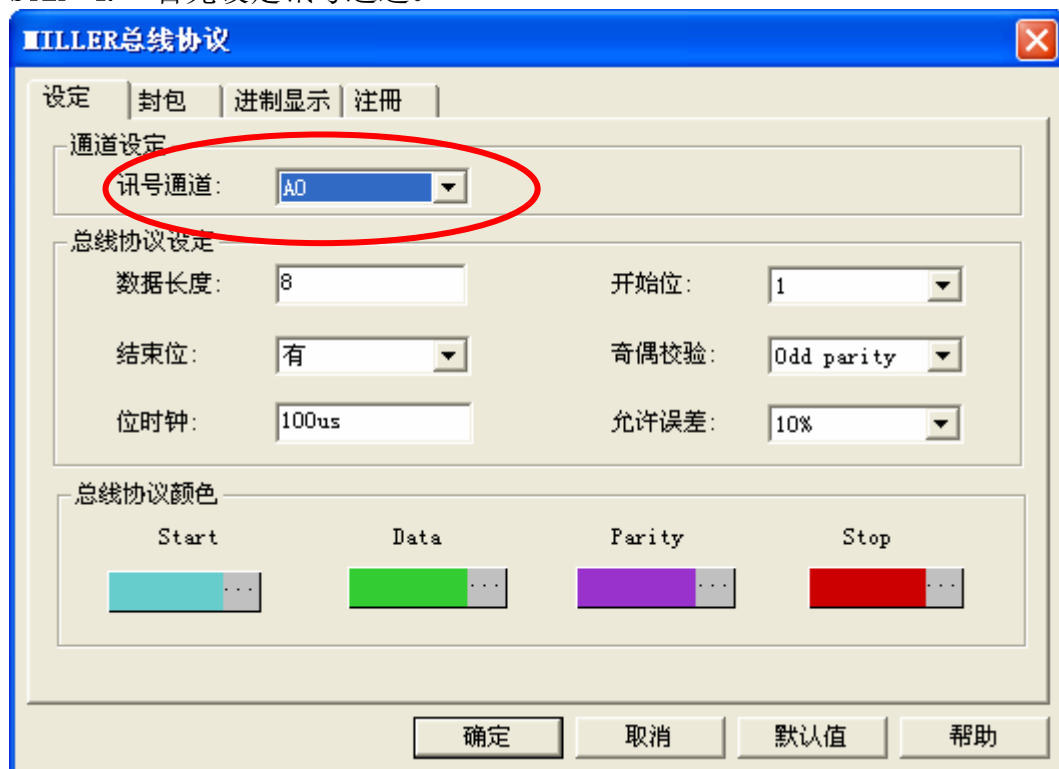
STEP 2. 选择 Bus1，再在通道区域右键，点选总线属性，调出总线属性对话框。



STEP 3. 在总线属性对话框，点选 MILLER MODULE V1.07.00 (CN01)，再单击参数配置按钮，调出该模组设定对话框。



STEP 4. 首先设定讯号通道。



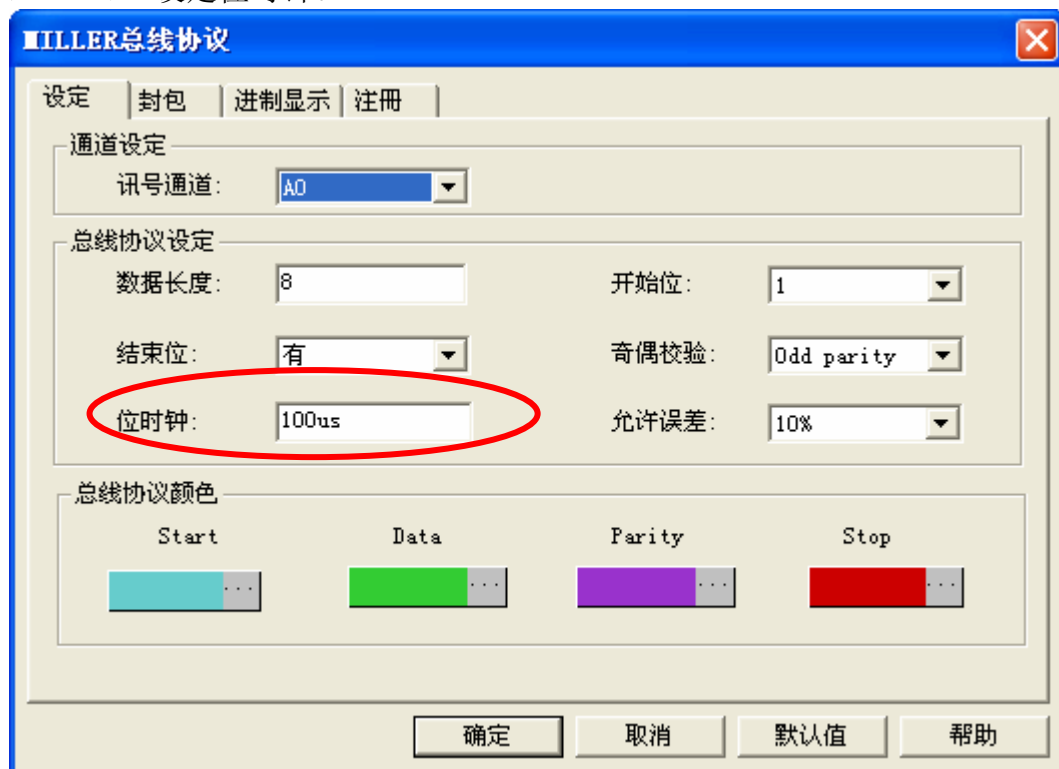
STEP 5. 设定 1~65535 之间的数据长度。

The screenshot shows the 'MILLER总线协议' (MILLER Bus Protocol) configuration window. The '通道设定' (Channel Setting) tab is active, showing '讯号通道' (Signal Channel) set to 'AO'. The '总线协议设定' (Bus Protocol Setting) section contains the following fields: '数据长度' (Data Length) is set to '8' and is circled in red; '开始位' (Start Bit) is set to '1'; '结束位' (End Bit) is set to '有' (Yes); '奇偶校验' (Parity) is set to 'Odd parity'; '位时钟' (Bit Clock) is set to '100us'; and '允许误差' (Allowable Error) is set to '10%'. The '总线协议颜色' (Bus Protocol Color) section shows four color-coded boxes: Start (cyan), Data (green), Parity (purple), and Stop (red). At the bottom are buttons for '确定' (OK), '取消' (Cancel), '默认值' (Default), and '帮助' (Help).

STEP 6. 设定有或是无结束位。

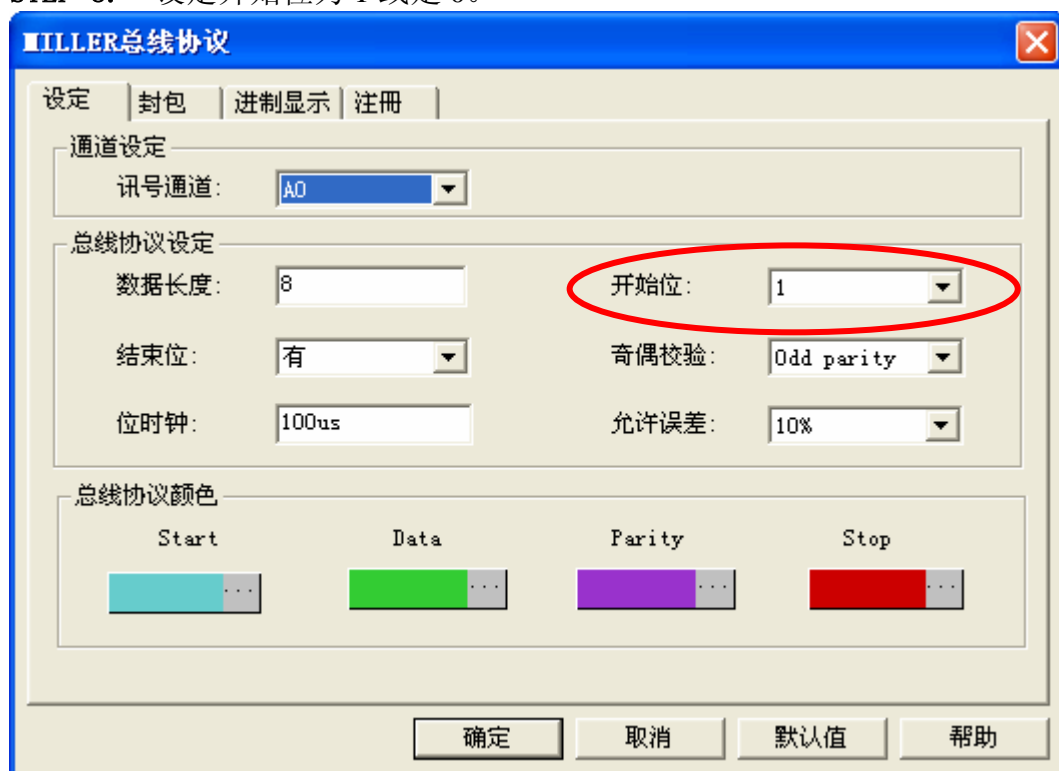
The screenshot shows the same 'MILLER总线协议' (MILLER Bus Protocol) configuration window. In this step, the '结束位' (End Bit) dropdown menu is circled in red, showing the value '有' (Yes). All other settings remain the same as in Step 5: '数据长度' is '8', '开始位' is '1', '奇偶校验' is 'Odd parity', '位时钟' is '100us', and '允许误差' is '10%'. The '总线协议颜色' section and the bottom buttons are also visible.

STEP 7. 设定位时钟。



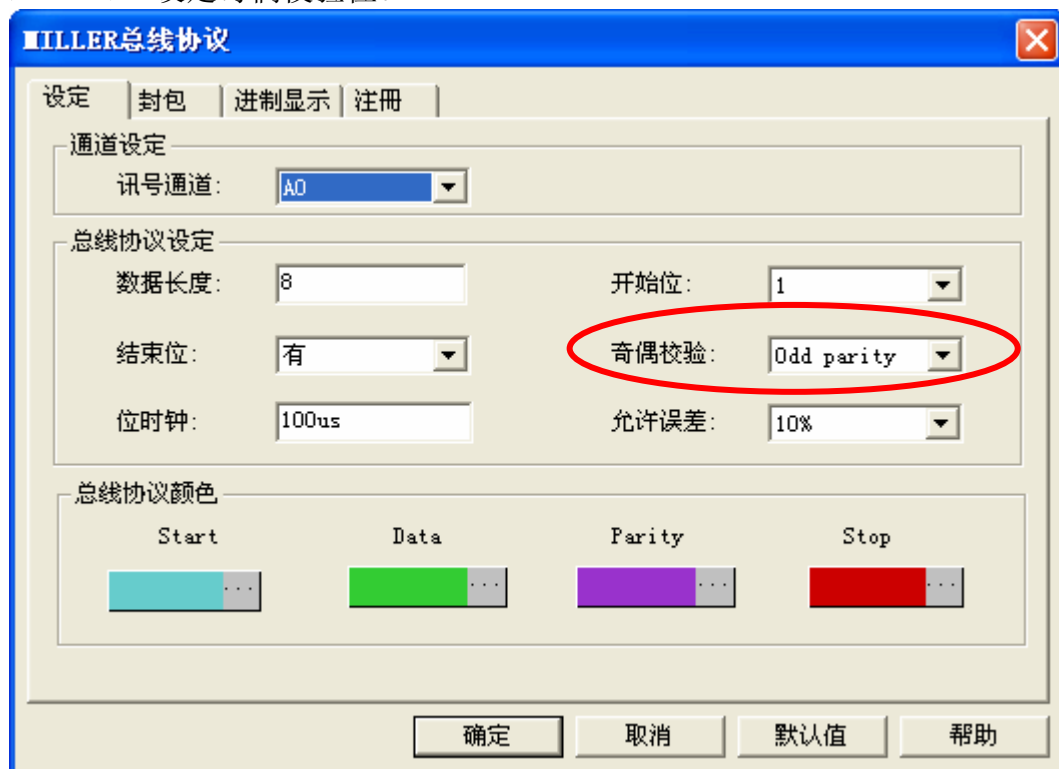
The screenshot shows the 'MILLER总线协议' (MILLER Bus Protocol) dialog box. The '设定' (Settings) tab is selected. In the '总线协议设定' (Bus Protocol Settings) section, the '位时钟' (Bit Clock) field is highlighted with a red circle and contains the value '100us'. Other settings include '讯号通道' (Signal Channel) set to 'AO', '数据长度' (Data Length) set to '8', '开始位' (Start Bit) set to '1', '结束位' (End Bit) set to '有' (Yes), '奇偶校验' (Parity) set to 'Odd parity', and '允许误差' (Allow Error) set to '10%'. The '总线协议颜色' (Bus Protocol Colors) section shows color-coded boxes for Start (cyan), Data (green), Parity (purple), and Stop (red). At the bottom are buttons for '确定' (OK), '取消' (Cancel), '默认值' (Default), and '帮助' (Help).

STEP 8. 设定开始位为 1 或是 0。



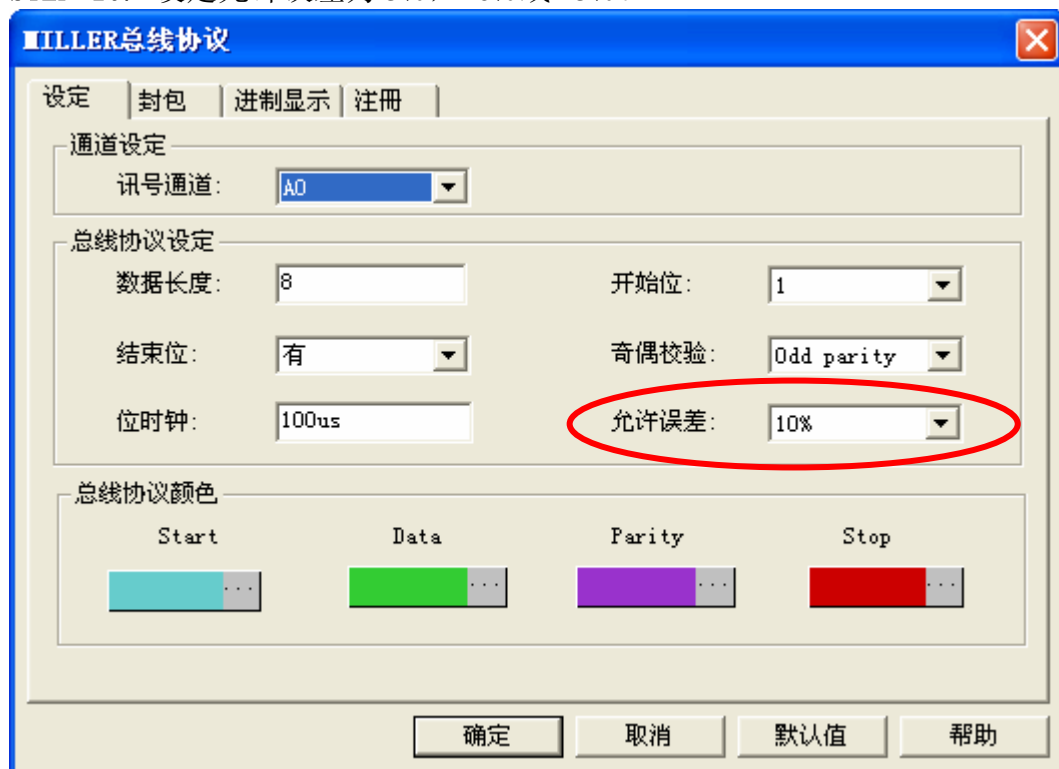
The screenshot shows the same 'MILLER总线协议' (MILLER Bus Protocol) dialog box. In this step, the '开始位' (Start Bit) dropdown menu is highlighted with a red circle and is set to '1'. All other settings remain the same as in the previous step: '讯号通道' (Signal Channel) is 'AO', '数据长度' (Data Length) is '8', '结束位' (End Bit) is '有' (Yes), '奇偶校验' (Parity) is 'Odd parity', '允许误差' (Allow Error) is '10%', and '位时钟' (Bit Clock) is '100us'. The '总线协议颜色' (Bus Protocol Colors) section and the bottom buttons are also visible.

STEP 9. 设定奇偶校验位。



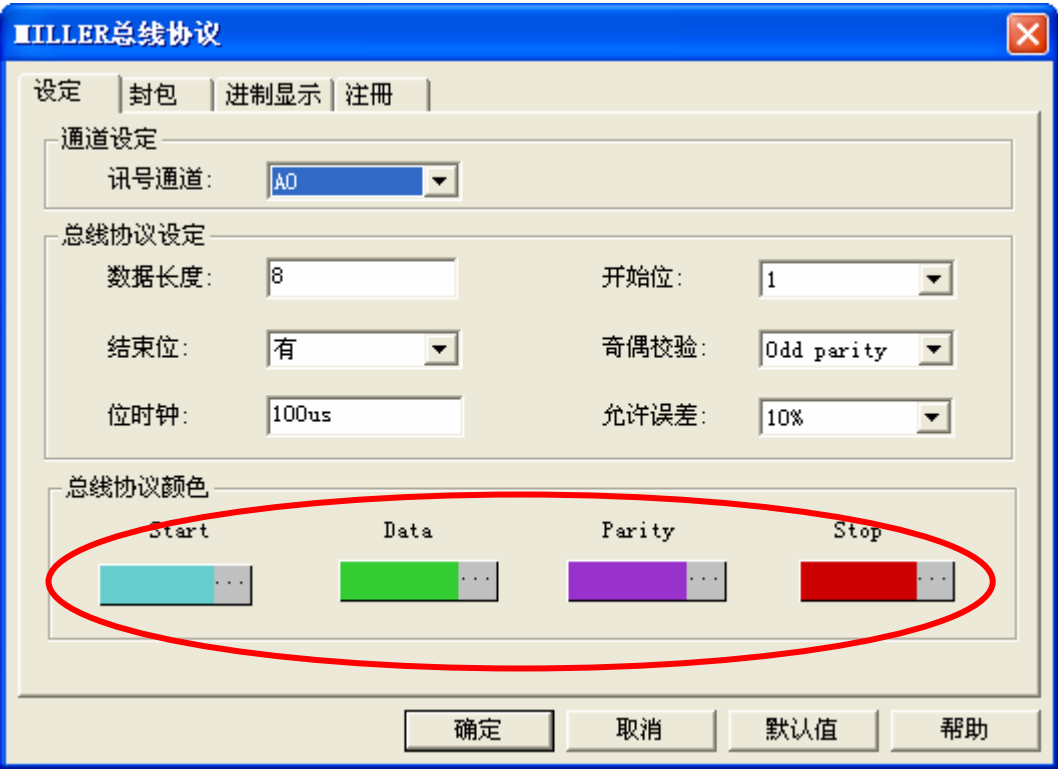
The screenshot shows the 'MILLER总线协议' (MILLER Bus Protocol) configuration window. The '设定' (Settings) tab is active. The '通道设定' (Channel Settings) section shows '讯号通道' (Signal Channel) set to 'AO'. The '总线协议设定' (Bus Protocol Settings) section includes '数据长度' (Data Length) set to 8, '开始位' (Start Bit) set to 1, '结束位' (End Bit) set to '有' (Yes), '位时钟' (Bit Clock) set to 100us, '奇偶校验' (Parity) set to 'Odd parity' (highlighted with a red circle), and '允许误差' (Allow Error) set to 10%. The '总线协议颜色' (Bus Protocol Colors) section shows color-coded bars for Start (cyan), Data (green), Parity (purple), and Stop (red). The bottom buttons are '确定' (OK), '取消' (Cancel), '默认值' (Default), and '帮助' (Help).

STEP 10. 设定允许误差为 5%，10%或 15%。



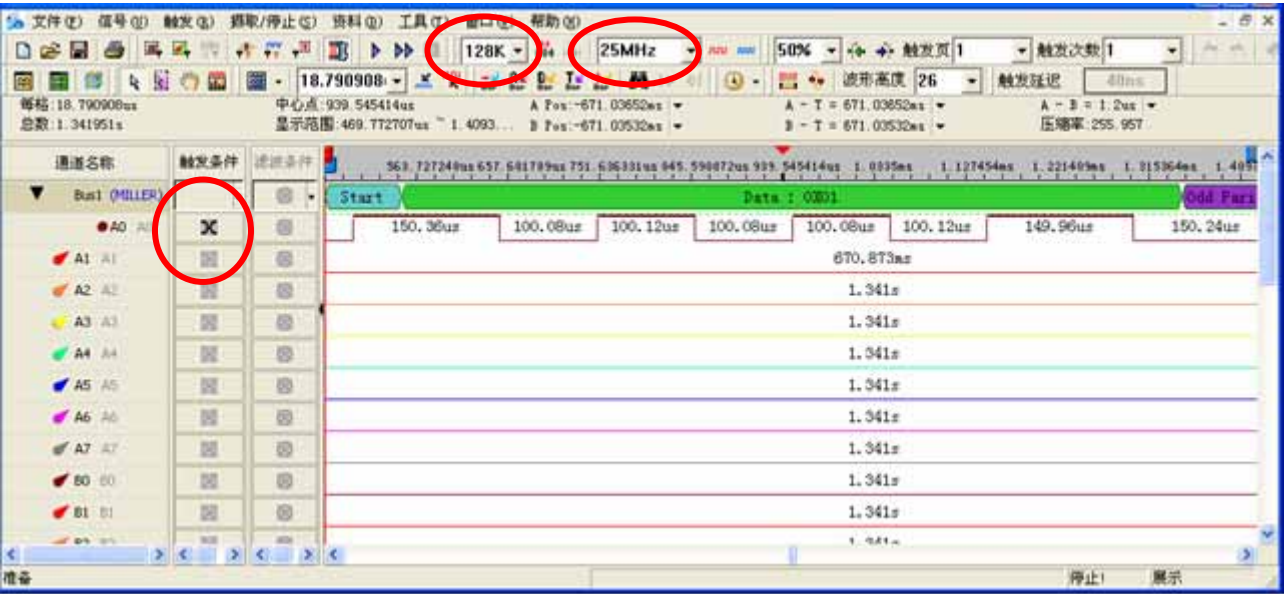
The screenshot shows the 'MILLER总线协议' (MILLER Bus Protocol) configuration window. The '设定' (Settings) tab is active. The '通道设定' (Channel Settings) section shows '讯号通道' (Signal Channel) set to 'AO'. The '总线协议设定' (Bus Protocol Settings) section includes '数据长度' (Data Length) set to 8, '开始位' (Start Bit) set to 1, '结束位' (End Bit) set to '有' (Yes), '位时钟' (Bit Clock) set to 100us, '奇偶校验' (Parity) set to 'Odd parity', and '允许误差' (Allow Error) set to '10%' (highlighted with a red circle). The '总线协议颜色' (Bus Protocol Colors) section shows color-coded bars for Start (cyan), Data (green), Parity (purple), and Stop (red). The bottom buttons are '确定' (OK), '取消' (Cancel), '默认值' (Default), and '帮助' (Help).

STEP 11. 总线协议解码字段颜色设定。



STEP 12. 总线译码完成图示，设定任一边沿为触发条件，内存容量为 128K，采样频率为 25MHz。（采样频率最好是待测讯号的 4 倍以上）

总线协议解码



封包列表

