



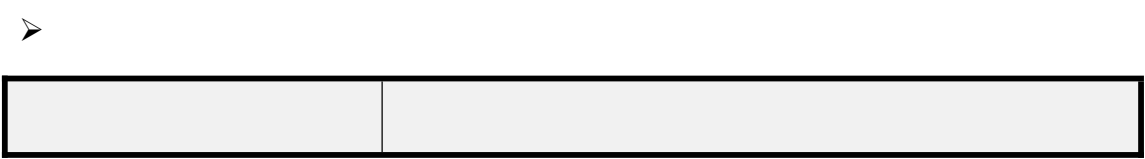
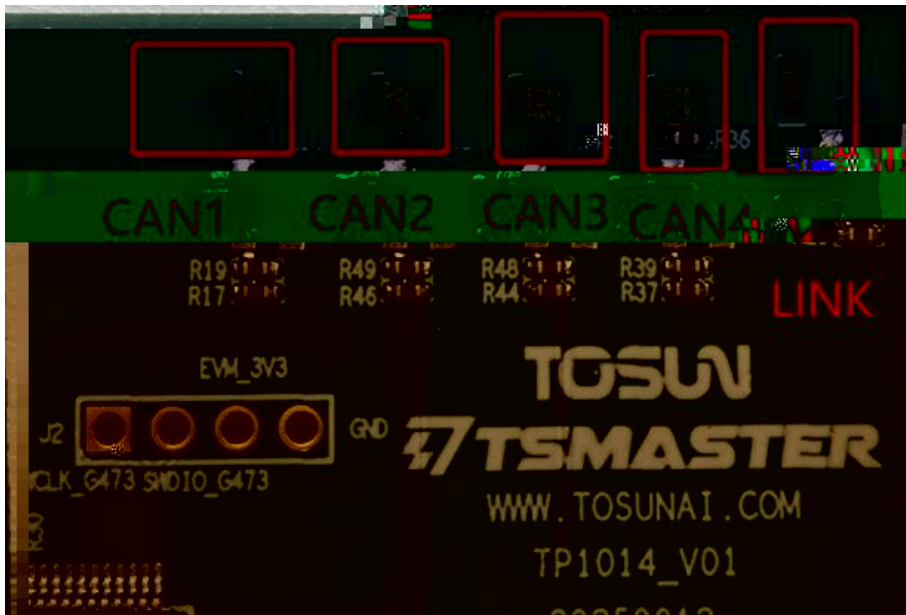
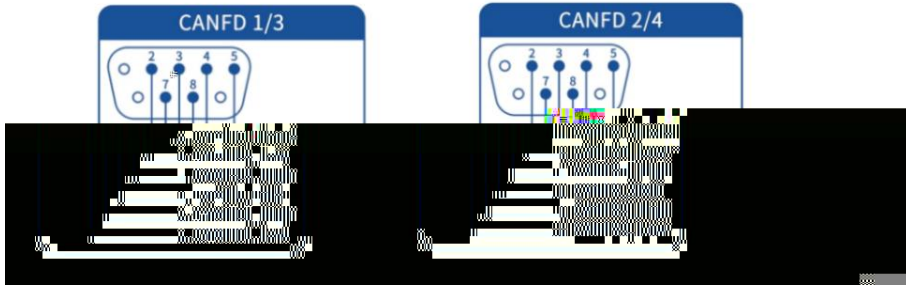
EXPLORE

User Manual





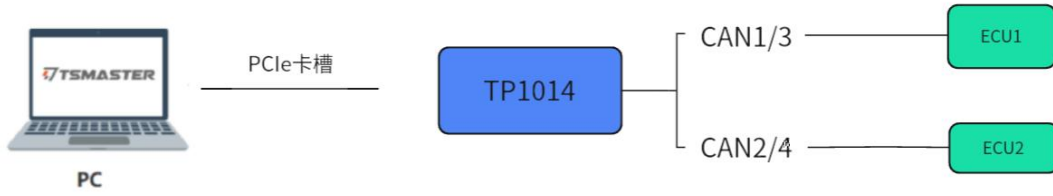






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CAN

选择应用程序通道配置

应用程序通道	用户命名	激活	硬件通道选择
<input checked="" type="checkbox"/> CAN 1	CAN 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> TOSUN USB TP1014 1 CAN FD 通道 1 (73DF691F36A52796)
<input checked="" type="checkbox"/> CAN 2	CAN 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> TOSUN USB TP1014 1 CAN FD 通道 2 (73DF691F36A52796)
<input checked="" type="checkbox"/> CAN 3	CAN 3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> TOSUN USB TP1014 1 CAN FD 通道 3 (73DF691F36A52796)
<input checked="" type="checkbox"/> CAN 4	CAN 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> TOSUN USB TP1014 1 CAN FD 通道 4 (73DF691F36A52796)

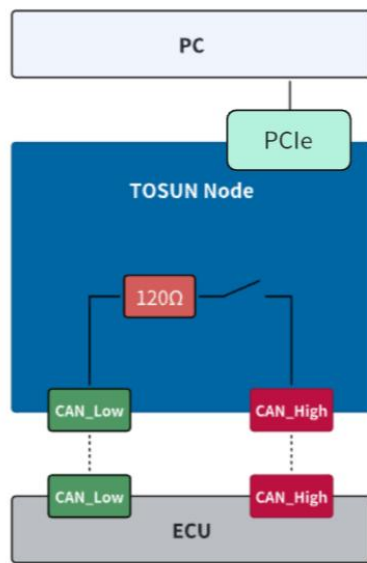
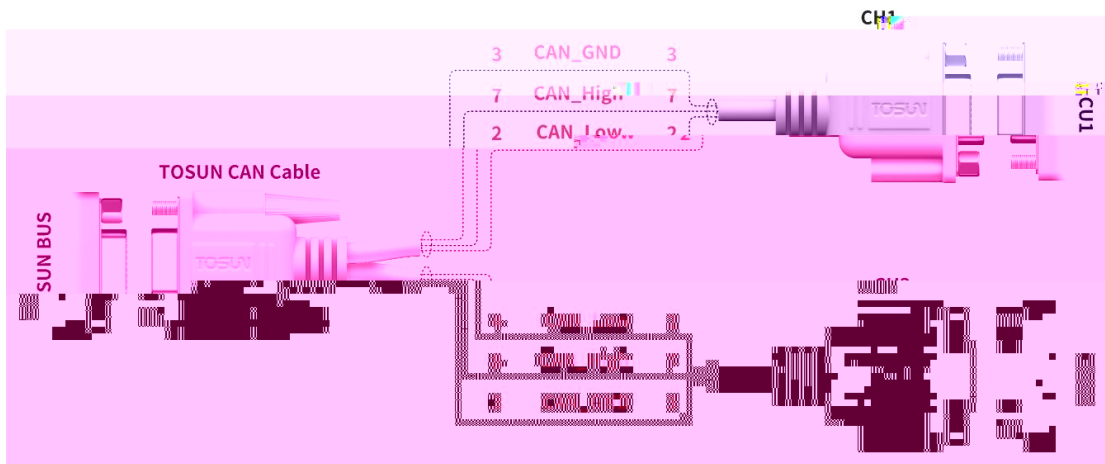
硬件配置

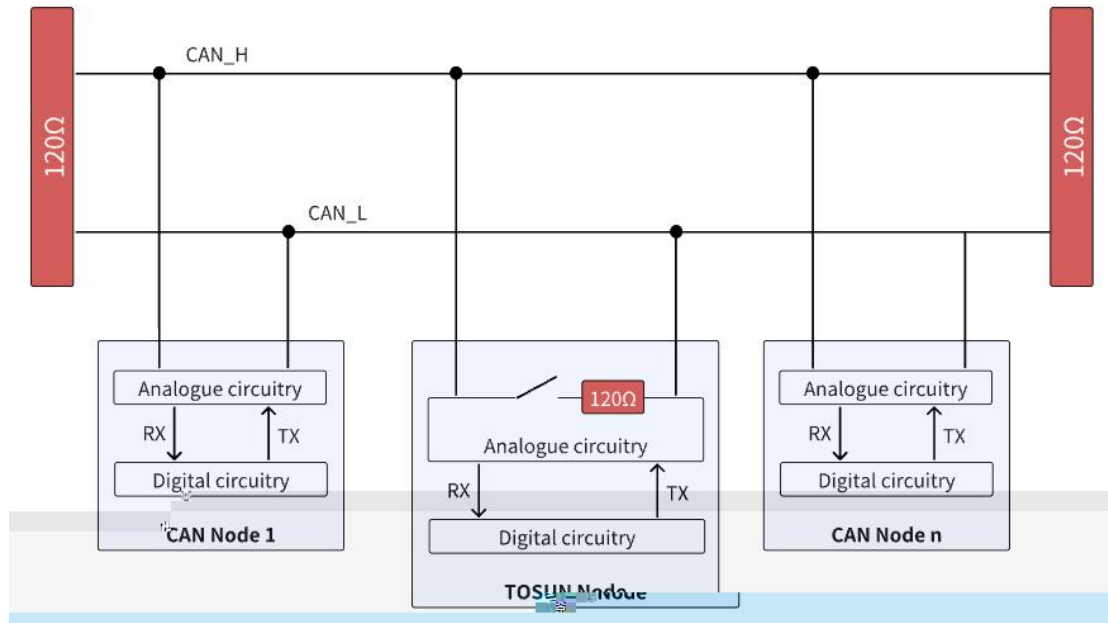
2025.9.12.1638

应用名称: 应用名称

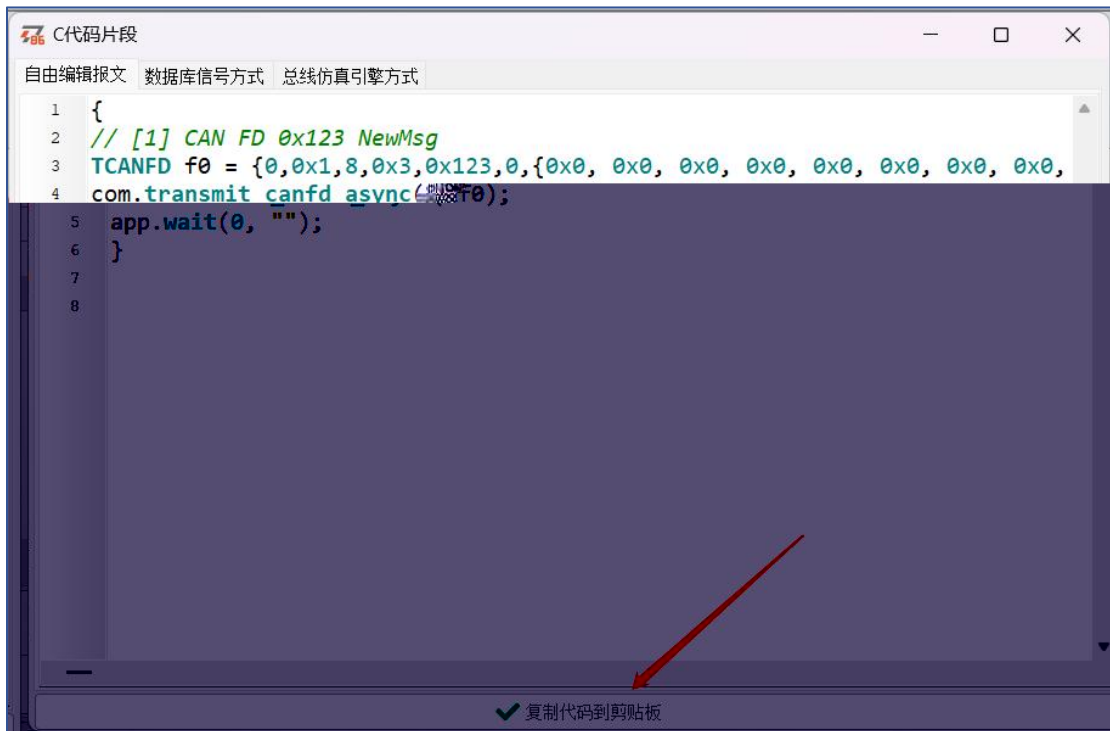
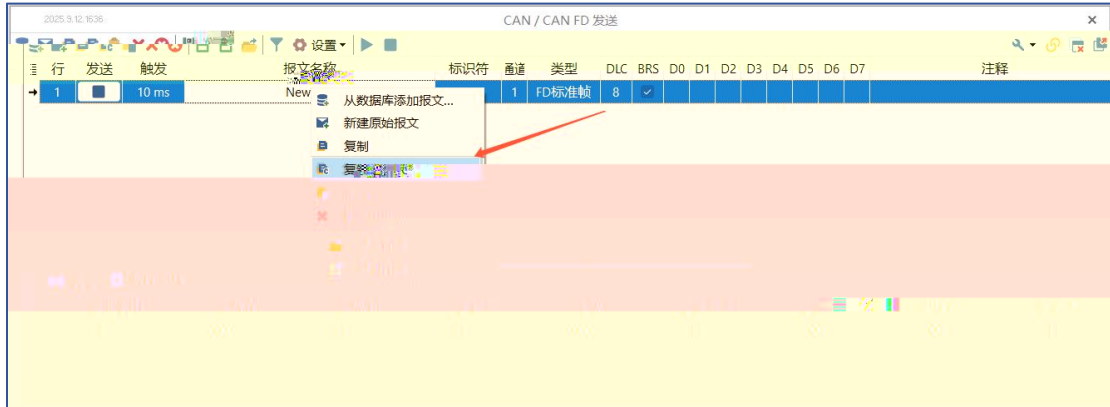
应用名称

CAN 4	数据段波特率 (Kbps)	500
LIN 1	数据段波特率 (Kbps)	8000
LIN 2	仲裁段波特率 (Kbps)	TSEG1=63, TSEG2=16
	仲裁段位时间	TSEG1=2, TSEG2=2
	数据段位时间	
	仲裁段同步跳变宽度	15
	数据段同步跳变宽度	1
	控制器模式	正常模式







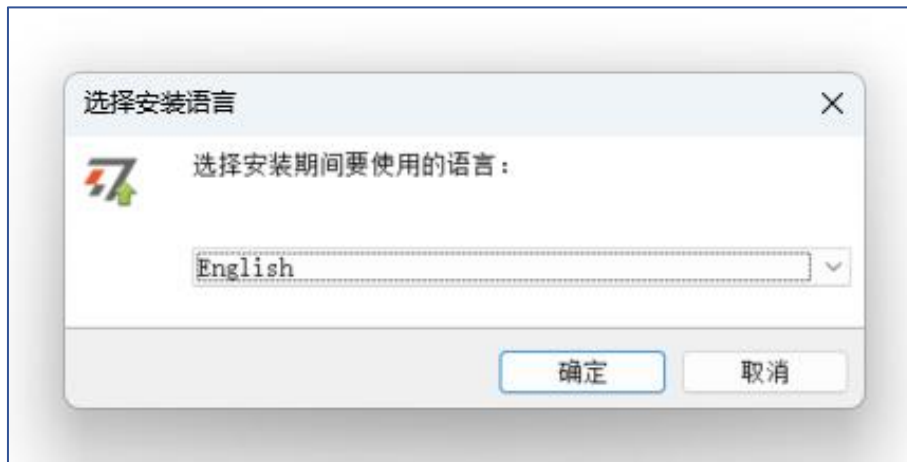


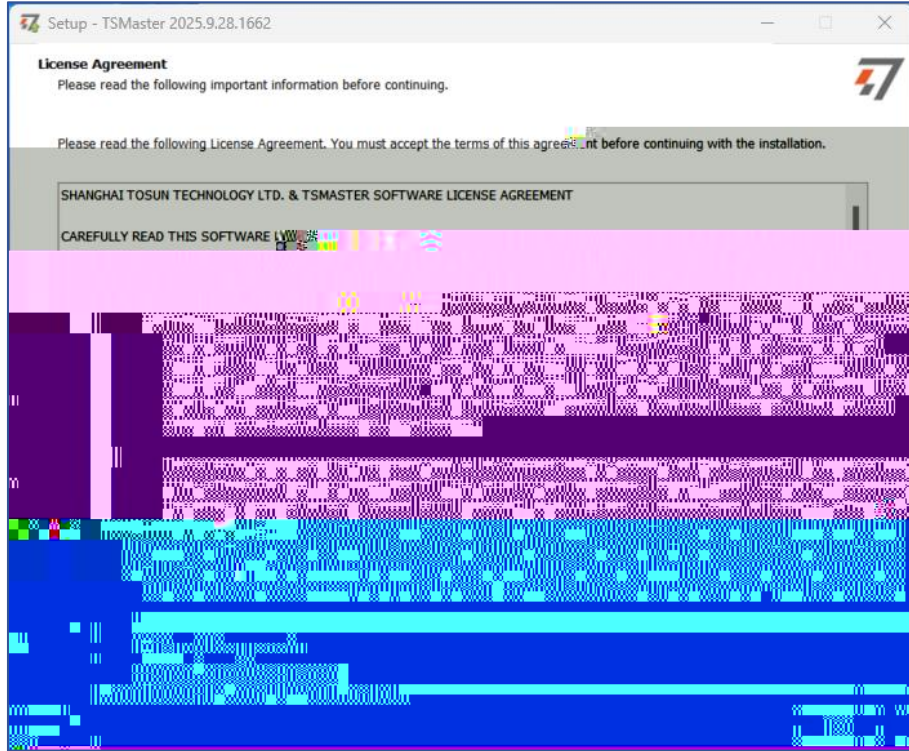
The screenshot displays a software interface for configuring CAN / CAN FD. It is divided into several sections:

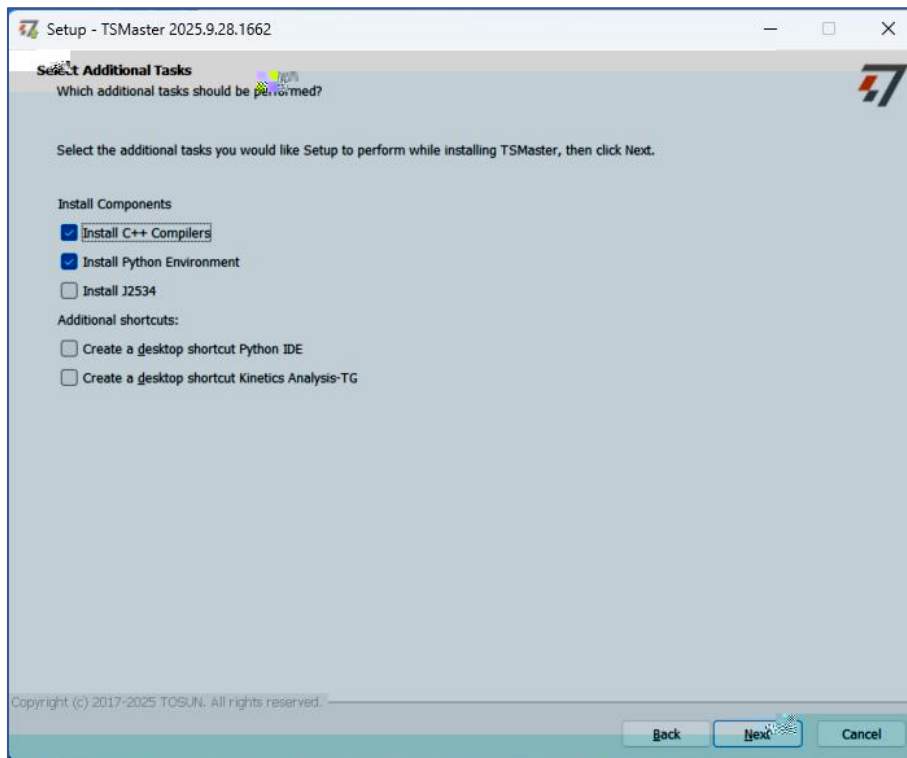
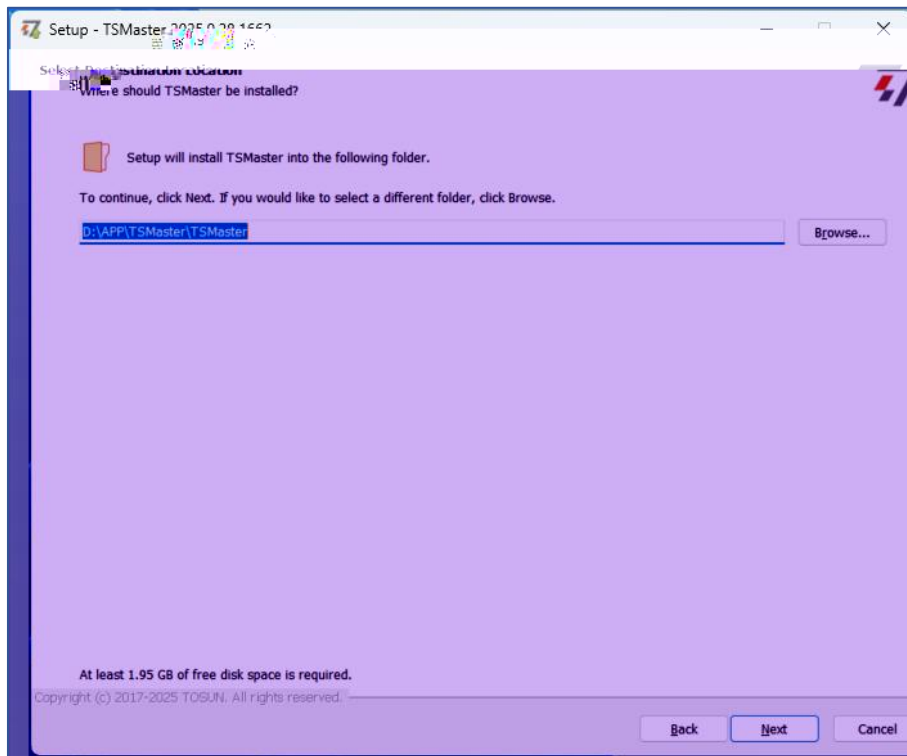
- Table:** A table with columns for '绝对时间' (Absolute Time), '计数' (Count), '通道' (Channel), '标识符' (Identifier), '帧率' (Frame Rate), '报文名称' (Message Name), and '类型' (Type). The first row contains the values: 307.044054, 30589, CAN 1, 123, 99, and FD.
- Tree View:** A hierarchical tree view on the left side, listing various event types such as 'TCP接收事件' (TCP Receive Event), 'TCP连接事件' (TCP Connect Event), 'TCP发送事件' (TCP Send Event), 'UDP接收事件' (UDP Receive Event), 'UDP发送事件' (UDP Send Event), '设备初始化事件' (Device Initialization Event), '定时器触发事件' (Timer Trigger Event), '程序启动事件' (Program Start Event), and '程序结束事件' (Program End Event).
- Code Editor:** A code editor window on the right titled 'C代码编辑器 [CCode2754]'. It contains the following C code snippet:

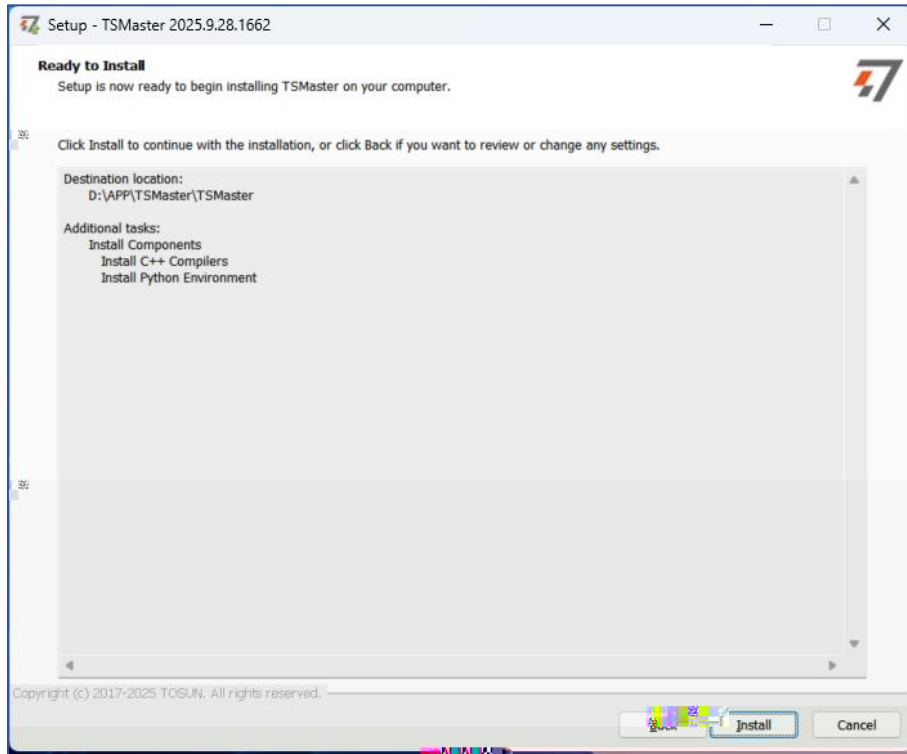
```
void on_shortcut_keyOn_Shortcut1(const s32 AShortcut) { try {  
    1  
    2 // CAN FD 消息  
    3 TCANFD_FD = {0x01,0x01,0x12,0x00,0x0,0x0,0x0,0x0,  
    4 con.transmit_canfd_async(4F0);  
    5  
    6 #endif  
    7 }
```

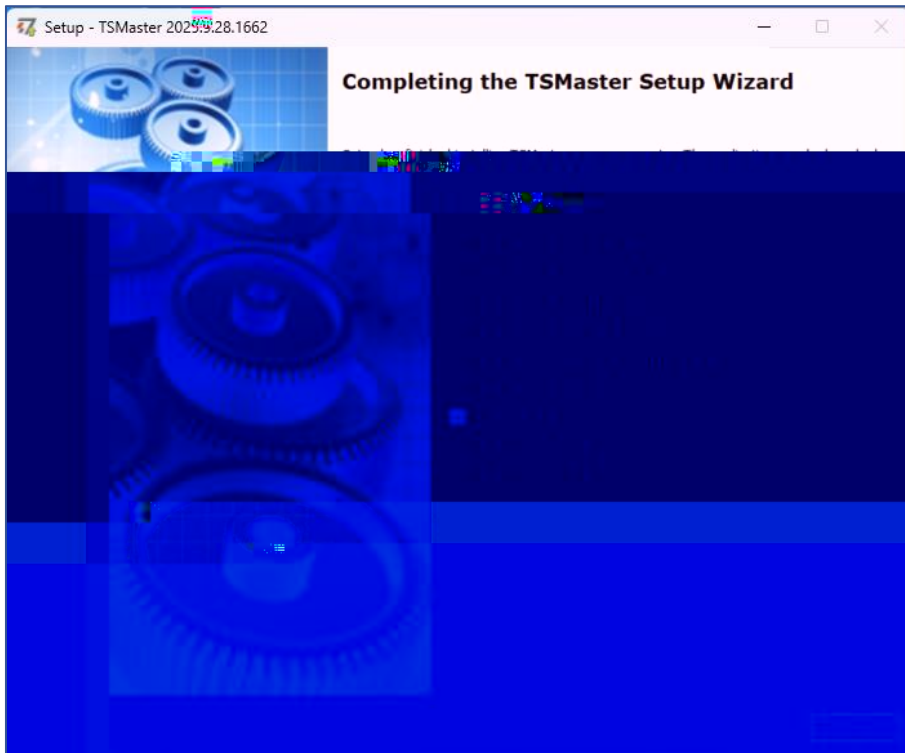
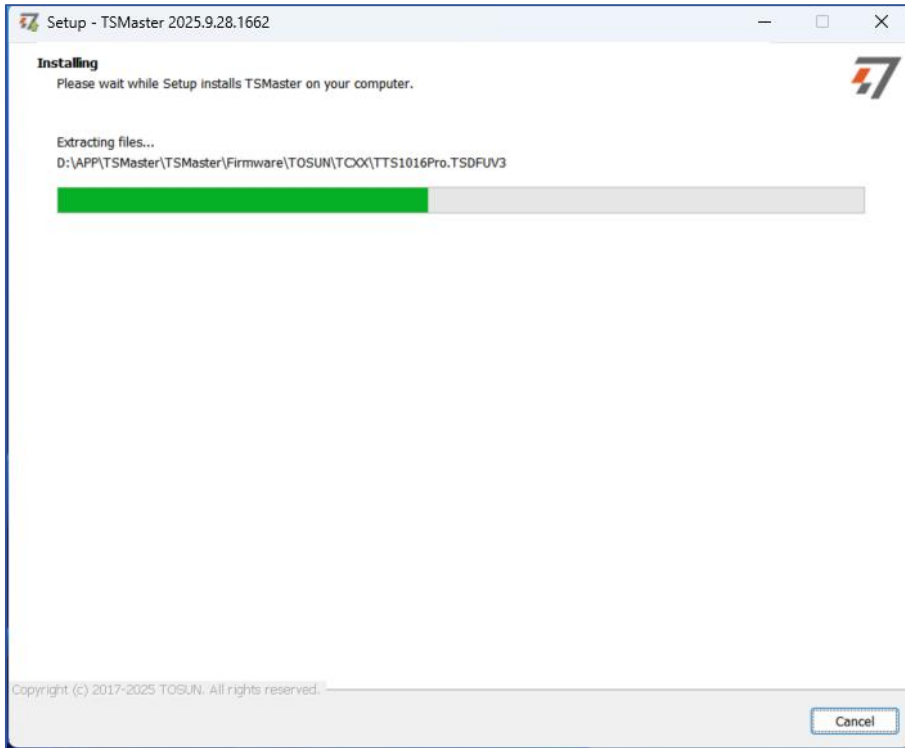












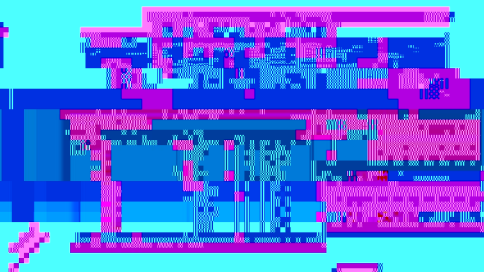




Software

support CAN (FD) / LIN / FlexRay / SOME/IP and DoIP
 UDP / IP / TCP / CAN / CAN FD / CAN over USB / CAN over Ethernet

support CAN FD (up to 2Mbit/s)
 all standard CAN protocols
 CAN gateway / CAN stack / CAN controller



Hardware

1/2/4/8/12-channel CAN FD / CAN to USB / PCIe device
 CAN FD

microcontroller: micro-processor-based (32-bit)
 multi-channel CAN / CAN FD / FlexRay

TI controllers

- CAN FD controller with CAN FD controller kernel

- CAN FD controller with CAN FD controller kernel

- CAN FD controller with CAN FD controller kernel

- CAN FD controller with CAN FD controller kernel

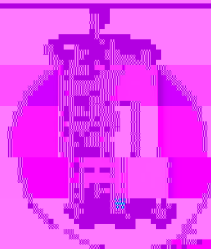
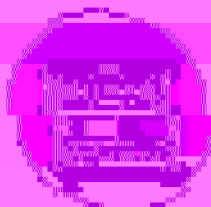


Micro-processor

Solutions

- CAN controller
- CAN FD controller
- CAN gateway
- CAN stack
- CAN controller
- CAN controller
- CAN controller
- CAN controller

• CAN controller



• CAN controller

• CAN controller



• CAN controller

