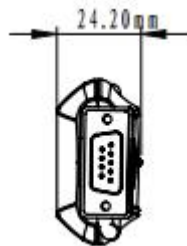
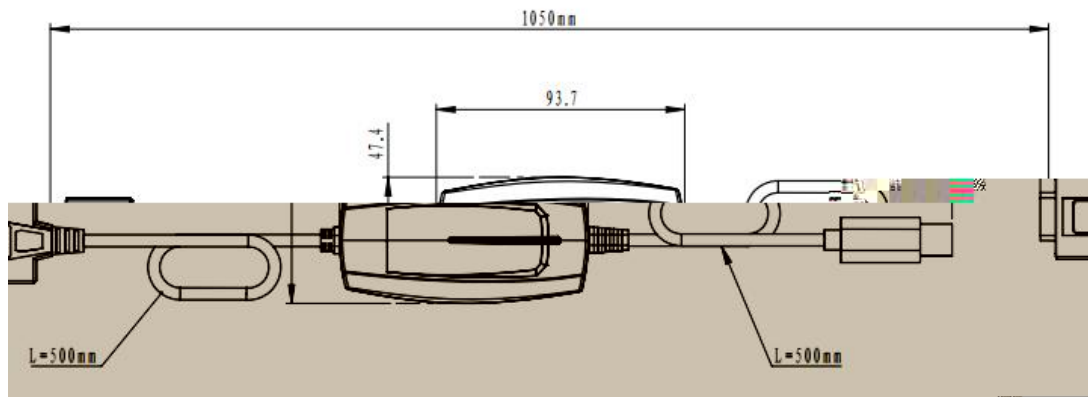


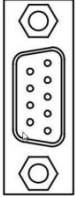


User Manual



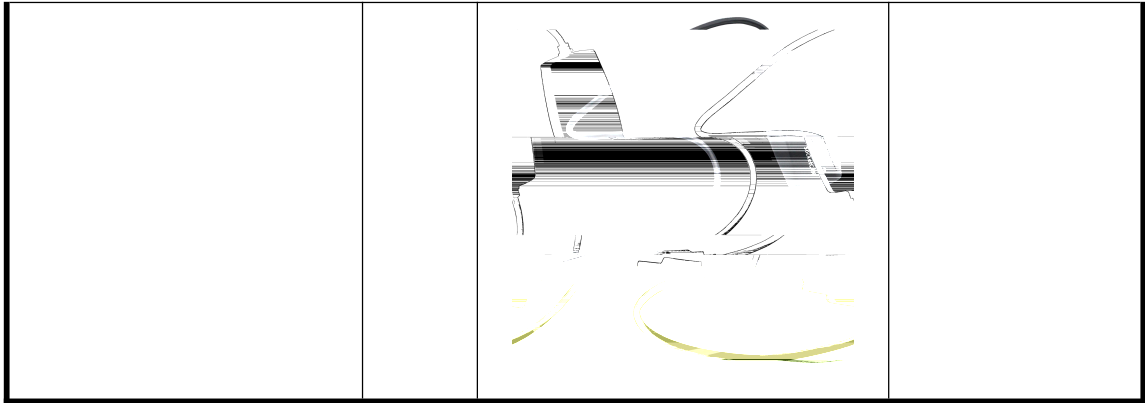
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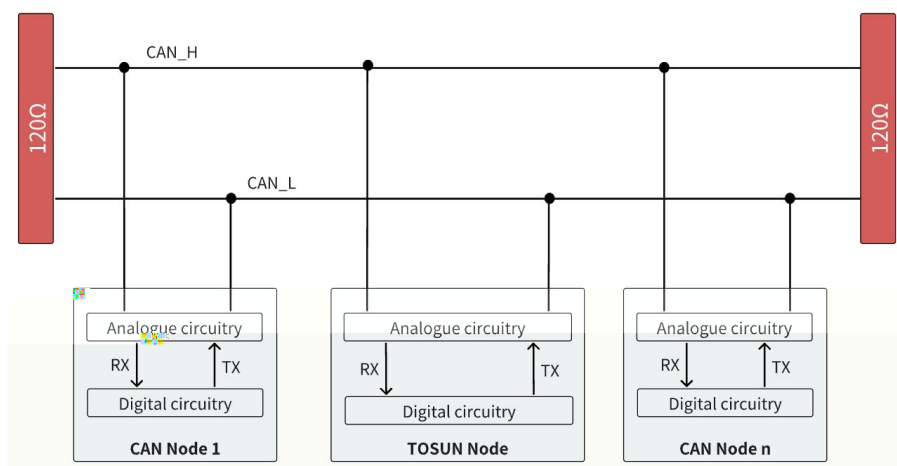
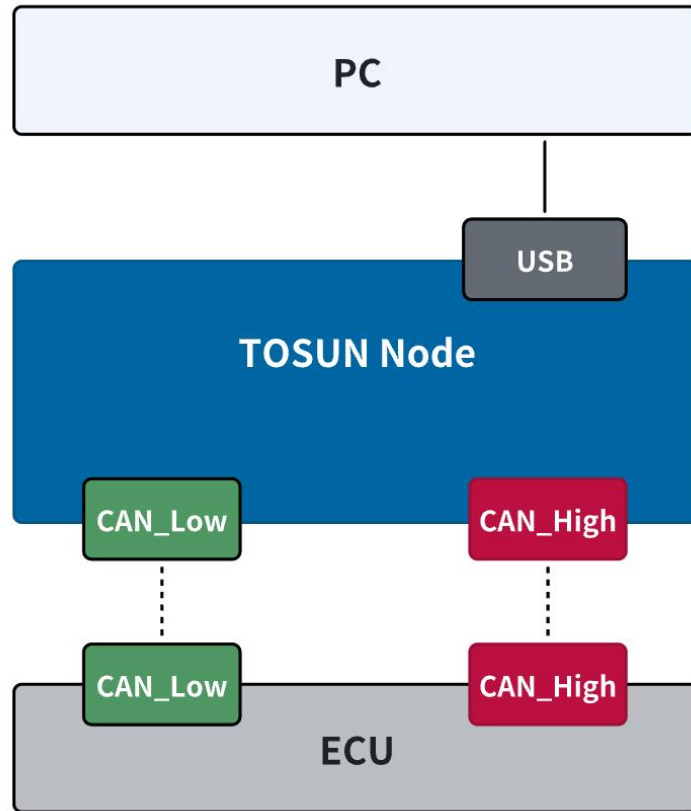


 <p>1 2 3 4 5</p> <p>6 7 8 9</p>			

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```
tosun@tosun-HP-ProBook-455-15-6-inch-G9-Notebook-PC:~/Desktop/TC113/TC113/00_user$ ls
socket_can.c  socket_drv  TOSUN-SOCKET_CAN使用指南_V1.0.0.docx  TOSUN-TC113用户手册_V1.0.0.docx
tosun@tosun-HP-ProBook-455-15-6-inch-G9-Notebook-PC:~/Desktop/TC113/TC113/00_user$
```

```
tosun@tosun-HP-ProBook-455-15-6-inch-G9-Notebook-PC:~/Desktop/TC113/TC113/00_user$ cd socket_drv/
tosun@tosun-HP-ProBook-455-15-6-inch-G9-Notebook-PC:~/Desktop/TC113/TC113/00_user/socket_drv$ make
-e -----
-e  Checking build environment...
-e -----
# make
# sudo
# kernel build dir
# 必要头文件
# 必要源文件
-e  Using gcc-12, version 12
-e  Building kernel module tosun_socket_can.ko for 6.8.0-generic...
Using CC=gcc-12
make[1]: Entering directory '/usr/src/linux-headers-6.8.0-generic'
WARNING: The compiler differs from the one used to build the kernel
The kernel was built by: x86_64-linux-gnu-gcc-12 (Ubuntu 12.3.0-1ubuntu1~22.04) 12.3.0
You are using: gcc-12 (Ubuntu 12.3.0-1ubuntu1~22.04) 12.3.0
CC [M] /home/tosun/Desktop/TC113/TC113/00_user/socket_drv/drivers_net_can_usb_tosun.o
CC [M] /home/tosun/Desktop/TC113/TC113/00_user/socket_drv/drivers_net_can_usb_cdev.o
CC [M] /home/tosun/Desktop/TC113/TC113/00_user/socket_drv/drivers_net_can_usb_tsmassage.o
LD [M] /home/tosun/Desktop/TC113/TC113/00_user/

[+] build complete: tosun_socket_can.ko
tosun@tosun-HP-ProBook-455-15-6-inch-G9-Notebook-PC:~/Desktop/TC113/TC113/00_user/socket_drv$
```




Software

Support CAN FD / LIN / FlexRay / SOME/IP and DoIP
 ISO 15765-2 / ISO 15765-4 / ISO 15765-5
 Embedded code generation / Application builder

• **Support for CAN FD / LIN / FlexRay / SOME/IP and DoIP**
 • **ISO 15765-2 / ISO 15765-4 / ISO 15765-5**
 • **Embedded code generation / Application builder**



ISO 15765-2 CAN FD configuration

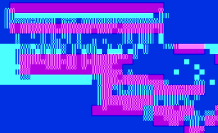
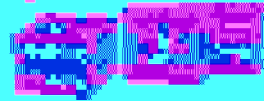
Hardware

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

• **1/2/4/8/12-channel CAN FD / CAN to USB / PCIe device**
 • **USB / PCIe**
 • **Multi channel FlexRay / CAN FD to USB / PCIe device**

12-Channel CAN FD

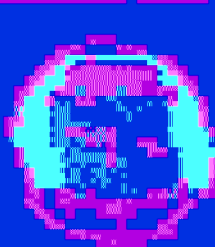
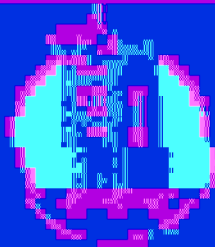
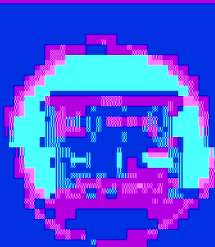
- **12-Channel CAN FD / CAN to USB / PCIe device**
- **USB / PCIe**
- **Multi channel FlexRay / CAN FD to USB / PCIe device**



12-Channel CAN FD / CAN to USB / PCIe device

Specifications

- **Support for CAN FD / LIN / FlexRay / SOME/IP and DoIP**
- **ISO 15765-2 / ISO 15765-4 / ISO 15765-5**
- **Embedded code generation / Application builder**
- **Support for CAN FD / LIN / FlexRay / SOME/IP and DoIP**
- **ISO 15765-2 / ISO 15765-4 / ISO 15765-5**
- **Embedded code generation / Application builder**



About TCSIAL

TCSIAL is a leading provider of software and hardware solutions for the automotive industry. We offer a wide range of products and services, including CAN FD, LIN, FlexRay, SOME/IP, and DoIP. Our solutions are designed to meet the needs of automotive OEMs and Tier 1 suppliers.

Product Portfolio

- **12-Channel CAN FD / CAN to USB / PCIe device**
- **USB / PCIe**
- **Multi channel FlexRay / CAN FD to USB / PCIe device**



12-Channel CAN FD / CAN to USB / PCIe device

USB / PCIe

