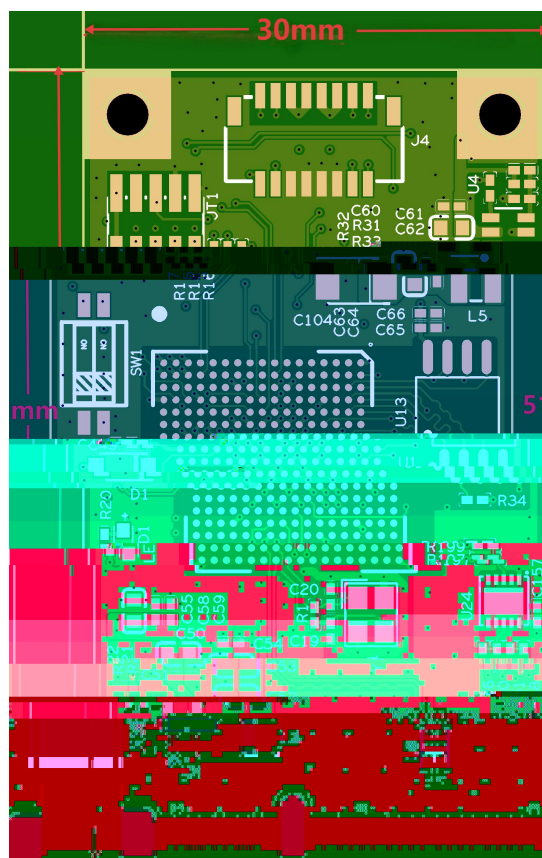




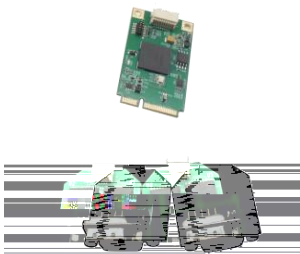
User Manual

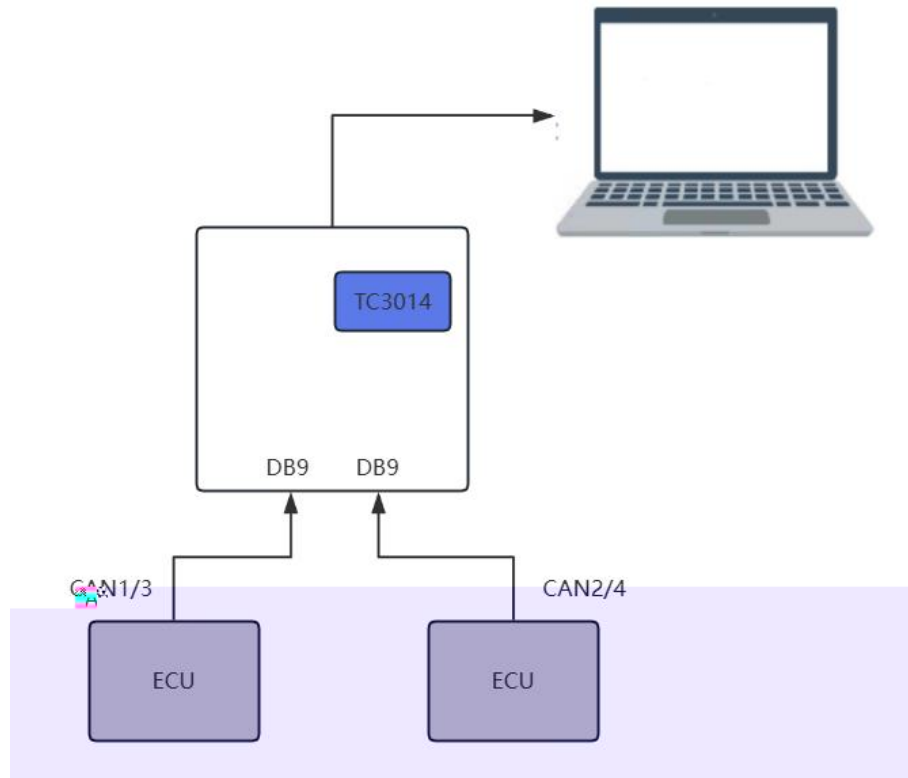


[illegible]

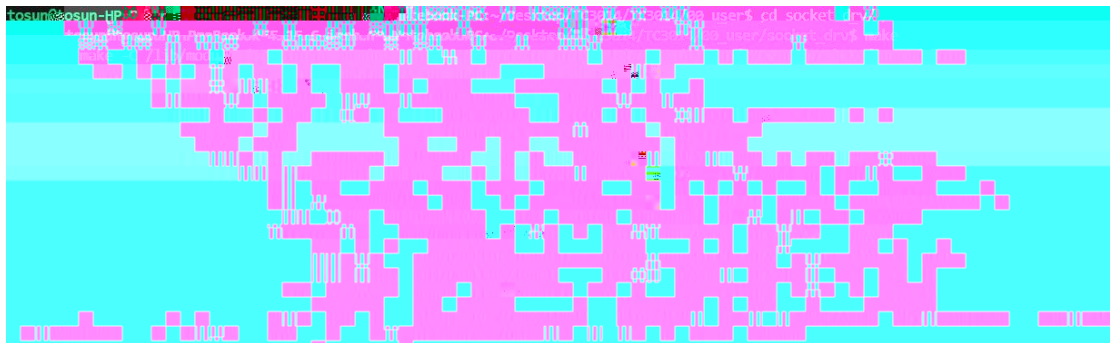


--	--	--	--	--	--	--



```
tosun@tosun-HP-ProBook-455-15-6-inch-G9-Notebook-PC:~/Desktop/TC3014/TC3014/00_user$ ls
socket_can.c  socket_drv  TC3014产品手册v1.0.docx  tosun_socket_can使用说明书.docx
tosun@tosun-HP-ProBook-455-15-6-inch-G9-Notebook-PC:~/Desktop/TC3014/TC3014/00_user$
```

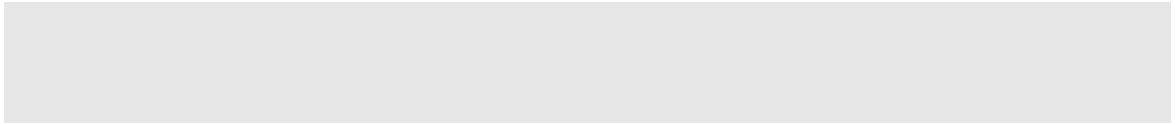


```
tosun@tosun-HP-ProBook-455-15-6-inch-G9-Notebook-PC:~/Desktop/tosun_socket_can_realize/tosun_socket_can/socket_drv$ make install
make: Warning: File 'Makefile' has modification time 26270 s in the future
-e Installing kernel module...
[sudo] password for tosun:
-e Installed. Load with: sudo modprobe tosun_socket_can
make: warning: Clock skew detected. Your build may be incomplete.
tosun@tosun-HP-ProBook-455-15-6-inch-G9-Notebook-PC:~/Desktop/tosun_socket_can_realize/tosun_socket_can/socket_drv$
```

```
8728.817753 rk628 4.0050: rk628 display work: hdmirx detect status:0x1
8728.826526 usb 5-1: new high-speed USB device number 4 using xhci-hcd
8728.967395 usb 5-1: New USB device found, idVendor=5453, idProduct=1000, bcdDevice= 0.02
8728.967402 usb 5-1: New USB device strings: Mfr=1, Product=2, SerialNumber=3
8728.967405 usb 5-1: Product: TOSUN HS CANFD4.SOCKETCAN
8728.967408 usb 5-1: Manufacturer: TOSUN
8728.967411 usb 5-1: SerialNumber: 2024051701
8728.972343 tosun_usb TOSUN_USB_CANUSB_PRODUCT_ID start
8728.972660 tosun_socket_can 0003:5453:1000.0003 can2: device can2 registered
8728.972675 tosun_usb TOSUN_USB_CANUSB_PRODUCT_ID start
8728.972906 tosun_socket_can 0003:5453:1000.0003 can3: device can3 registered
8728.972920 tosun_usb TOSUN_USB_CANUSB_PRODUCT_ID start
8728.973127 tosun_socket_can 0003:5453:1000.0003 can4: device can4 registered
8728.973139 tosun_usb TOSUN_USB_CANUSB_PRODUCT_ID start
8728.973377 tosun_socket_can 0003:5453:1000.0003 can5: device can5 registered
8728.973383 tosun_usb tosun_usb probe
8728.977063 tosun_socket_can 0003:5453:1000.0003: hiddev96,hidraw0: USB HID v1.11 Device [TOSUN TOSUN HS CANFD4.SOCKETCAN] on usb-x
cd.10.auto-1/input0
```

```
root@kylin:/home/kylin/user/app# ip link show
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN mode DEFAULT group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
2: can0: <NOARP,ECHO> mtu 16 qdisc noop state DOWN mode DEFAULT group default qlen 10
    link/can
3: can1: <NOARP,ECHO> mtu 16 qdisc noop state DOWN mode DEFAULT group default qlen 10
    link/can
4: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP mode DEFAULT group default qlen 1000
    link/ether a4:11:63:22:1b:53 brd ff:ff:ff:ff:ff:ff
5: eth1: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc mq state DOWN mode DEFAULT group default qlen 1000
    link/ether 84:11:63:22:1b:52 brd ff:ff:ff:ff:ff:ff
30: can2: <NOARP,UP,LOWER_UP,ECHO> mtu 16 qdisc pfifo_fast state UP mode DEFAULT group default qlen 10
    link/can
31: can3: <NOARP,UP,LOWER_UP,ECHO> mtu 16 qdisc pfifo_fast state UP mode DEFAULT group default qlen 10
    link/can
32: can4: <NOARP,ECHO> mtu 16 qdisc noop state DOWN mode DEFAULT group default qlen 10
    link/can
33: can5: <NOARP,ECHO> mtu 16 qdisc noop state DOWN mode DEFAULT group default qlen 10
    link/can
```





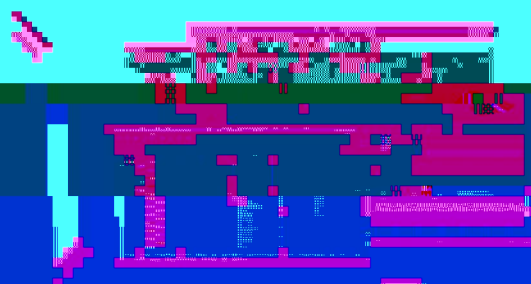
Software

Embedded code generation - Replication buider

Embedded release, logging and bus replay

Real-time programming, automatic code generation
of real-time code

Real-time debugging/traceability/Validation



Real-time programming

Hardware

Multi-channel real-time I/O/PCle device

Multi-channel Real-time I/O/PCle device

Multi-channel real-time I/O/PCle device

Multi-channel real-time I/O/PCle device

Multi-channel real-time I/O/PCle device

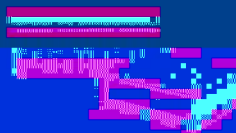
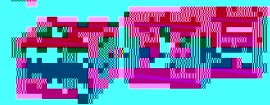
Real-time I/O

Real-time I/O

Real-time I/O injection boards

Real-time I/O sensor simulation

Real-time I/O device I/O boards available



Solutions

Real-time I/O

Real-time I/O device I/O boards available

Real-time I/O device I/O boards available

Real-time I/O device I/O boards available

Real-time I/O device I/O boards available

Real-time I/O device I/O boards available

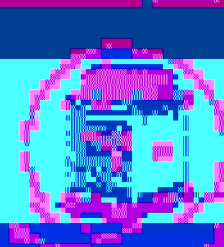
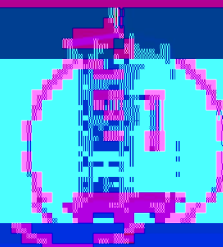
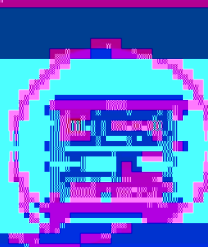
Real-time I/O device I/O boards available

Real-time I/O device I/O boards available

Real-time I/O device I/O boards available

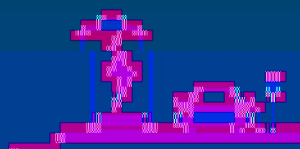
Real-time I/O device I/O boards available

Real-time I/O device I/O boards available



About TOSOL

TOSOL is a leading provider of real-time I/O/PCle devices and real-time I/O/PCle device I/O boards. TOSOL provides a comprehensive range of real-time I/O/PCle devices and real-time I/O/PCle device I/O boards, providing a comprehensive range of real-time I/O/PCle devices and real-time I/O/PCle device I/O boards.



Real-time I/O

Real-time I/O device I/O boards available

Real-time I/O device I/O boards available

Real-time I/O device I/O boards available



Real-time I/O/PCle devices and real-time I/O/PCle device I/O boards, providing a comprehensive range of real-time I/O/PCle devices and real-time I/O/PCle device I/O boards.