

CRC

1. Operation Overview

Using 2ch TSPI, it send/recieve strings "TOSHIBA" with CRC code on a chip. And It send received string data to host by UART and display.

2. Basic Operation

It display 「command >」 at Teraterm. When you want to send, input "send" and Enter.

When input "send" command, it send string "TOSHIBA" add CRC code.

It display CRC code, the check result and display the receive string data at the end.

Then it display "command>" again.

3.Board setting

Connect TX ch:PA0(J7 4) to RX ch:PC1(J10 2) on the evaluation board.

Connect TX ch:PA2(J7 6) to RX ch:PC2(J7 1)

TSPI TX

DO	:PA0
CLK	:PA2

TSPI RX

DI	:PC1
CLK	:PC2

UART Setting

TXD	:PK1
Baud Rate	:115200(bps)
Data	:8(bit)
Parity	: None
Stop Bit	:1(bit)
Flow Control	: None

3.Display exsample

```
command > send  
CRC Code > 0xdfd8  
CRC Check: OK  
read data > TOSHIBA
```