

TSPI_TRANS_FIFO

1. Basic Operation

This sample program uses two evaluation boards. One board is receiver board for TSPI_RECEIVE_FIFO sample program, and the other is transmitter board for TSPI_TRANS_FIFO sample program. These sample programs need to write in advance, respectively. Send the 256-byte character string with port input triggered by switch. The LED lights up each time TSPI transmission is completed.

2. Each Setting

Switch : SW4 (PortA2)

LED : LED0 (PortJ0) Lights on when reception is complete
: LED1 (PortJ1) Blinks on error

External Interrupt : INT00 (PortA2)

TSPI : TSPI1CS1 (PortG1) MCU 104 pin on the transmitter board should be connected to MCU 106 pin on the receiver board.
: TSPI1TXD (PortG5) MCU 108 pin on the transmitter board should be connected to MCU 107 pin on the receiver board.
: TSPI1SCK (PortG6) MCU 109 pin on the transmitter board should be connected to MCU 109 pin on the receiver board.

3. Basic Operation

The 256-byte character string is transmitted by the SW4 operation. LED0 lights on when TSPI transmission is completed.

4. Note

Multiple push-downs of the switch are not supported.