

TSPI_TRANS_DMA

1. Basic Operation

This sample program uses two evaluation boards. One board is receiver board for TSPI_RECEIVE_DMA sample program, and the other is transmitter board for TSPI_TRANS_DMA sample program. These sample programs need to write in advance, respectively. Send character "TMPM4KQ" with port input triggered by switch. The LED light on / off every 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 character string "TMPM4KQ" 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.