

# 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.