TSPI_RECEIVE_DMA

1. Operation Outline
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.
Receive the character string "TMPM4KQ" transmitted from the sending board with the port input by the switch triggered.
The LED light on / off every time TSPI reception is completed.

2. Each Setting

Switch : SW4 (PortA2)

LED : LED0 (PortJ0) Lights on when reception is complete
: LED1 (PortJ1) Blinks on error
: LED2 (PortJ2) It lights on by the operation of SW4. Lights off when reception is complete

External Interrupt : INT00 (PortA2)

TSPI : TSPI1CSIN (PortG3) MCU 106 pin on the receiver board should be connected to MCU 104 pin on the transmitter board.
: TSPI1RXD (PortG4) MCU 107 pin on the receiver board should be connected to MCU 108 pin on the transmitter board.
: TSPI1SCK (PortG6) MCU 109 pin on the receiver board should be connected to MCU 109 pin on the transmitter board.

3. Basic Operation
LED2 lights on when operating SW4, and the string "TMPM4KQ" is received.
When TSPI reception is completed, LED2 is light off and LED0 is light on.

4. Note
Multiple push-downs of the switch are not supported.