TSPI_RECEIVE_FIFO

1. Operation Outline

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.
Receive the 256-byte character string 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

The 256-byte character string is received by the SW4 operation.
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.