I2C_MASTER_TRANS

1. **Operation Outline**
   This sample program uses two evaluation boards. One board is receiver board for I2C_SLAVE_RECEIVE sample program,
   and the other is transmitter board for I2C_MASTER_TRANS sample program. These sample programs need to write in advance, respectively.
   The character string "TMPM4KQ" is transmited by a port input with SW.
   The LED is turned on at transmitting I2C.

2. **Each Setting**

   Switch   : SW4 (PortA2)

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

   External interrupt   : INT00 (PortA2)

   I2C   : I2C1SDA (PortU0) The MCU 1 pin at TRANS side of the board and MCU 1 pin at RECEIVE side of the board are connected.
                        : I2C1SCL (PortU1) The MCU 2 pin at TRANS side of the board and MCU 2 pin at RECEIVE side of the board are connected.

3. **Basic Operation**
   If RECEIVE side of the board is in a receive standby state by SW4, and SW4 at MASTER TRANS side of the board is operated,
   character strings "TMPM4KQ" is transmitted. When the transmission of all character strings is completed, LEDs light on.

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