

1.Operation Summary

TMPM4G9

1. When you push switch press, turn on and off the LEDs by inverting the output signals in the interrupt handler.
2. Set PortL4,L5,V0 and V1 as input ports in order to detect the push switch press.
3. Set PortE4 to PortE7 as output ports in order to turn on the LED by "High" level output signal generated in the push switch press interrupt handler.

2.Board setting

Connect the terminal on the evaluation board as follows

CN4 29-30 31-32 43-44 45-46 CN9 1-2 3-4 5-6 7-8

4.Basic Operation

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1. Turn on the LED D10(PortE4) if the S4(PortL4) push switch is pressed, Turn off the LED if the push switch is released.
2. Turn on the LED D9 (PortE5) if the S5(PortL5) push switch is pressed, Turn off the LED if the push switch is released.
3. Turn on the LED D8 (PortE6) if the S6(PortV0) push switch is pressed, Turn off the LED if the push switch is released.
4. Turn on the LED D7 (PortE7) if the S7(PortV1) push switch is pressed, Turn off the LED if the push switch is released.