S5D9 LED pin Write with Loop Delay
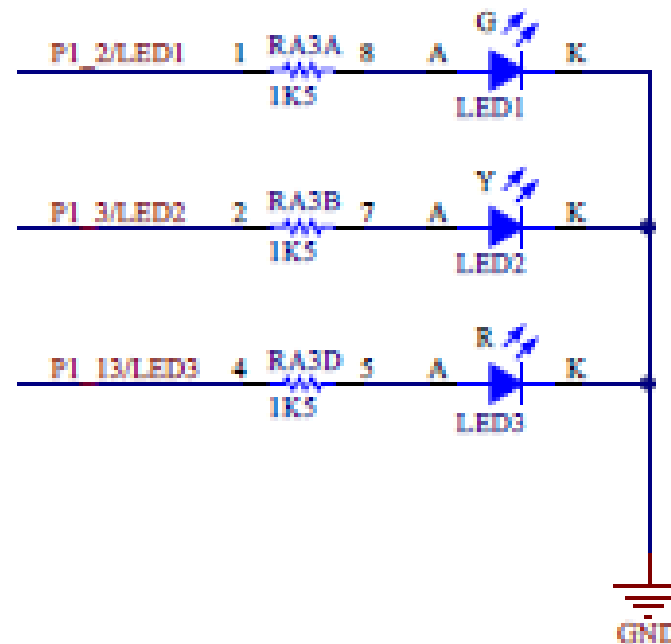# By
Michael Li
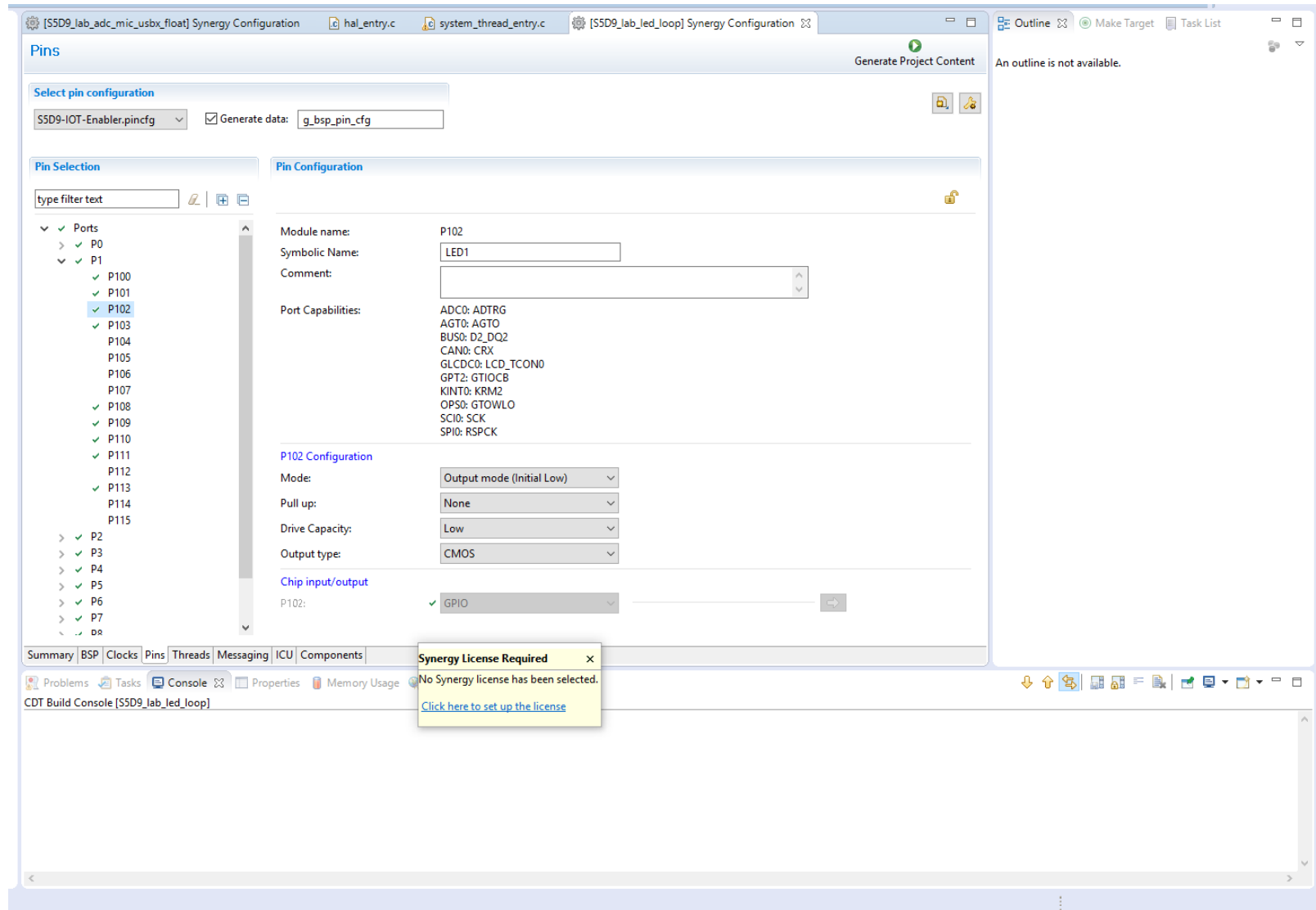# (2/2/2018)
https://www.miketechuniverse.com
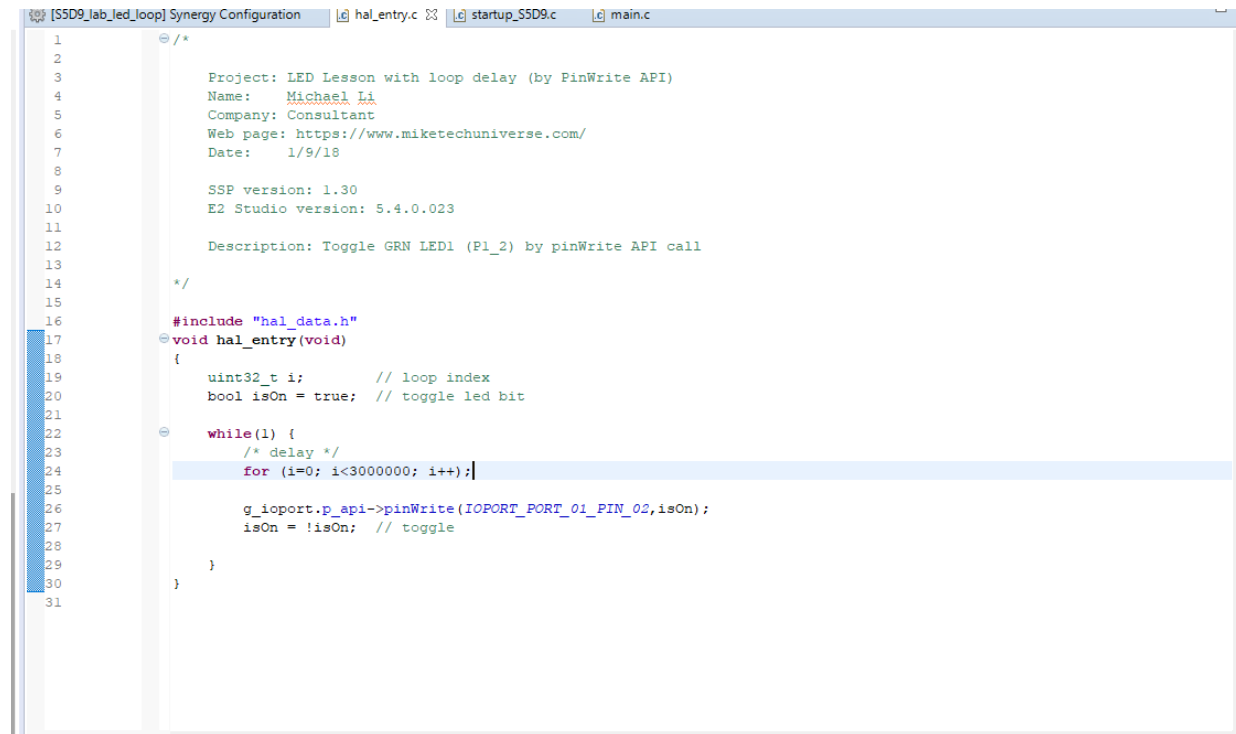
E2 Studio 5.4.0.023
SSP 1.3.0

S7G2 Lab LED register with loop delay

Pin enabled (GPIO output)

Main Code


```c
/*

    Project: LED Lesson with loop delay (by PinWrite API)
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    Date:     1/9/18

    SSP version: 1.30
    E2 Studio version: 5.4.0.023

    Description: Toggle GRN LED1 (P1_2) by pinWrite API call

*/

#include "hal_data.h"
void hal_entry(void)
{
    uint32_t i;         // loop index
    bool isOn = true;   // toggle led bit

    while(1) {
        /* delay */
        for (i=0; i<3000000; i++);

        g_ioport.p_api->pinWrite(IOPORT_PORT_01_PIN_02,isOn);
        isOn = !isOn;   // toggle

    }
}
```