

```

    }
}

extern void v_delay (signed char inner, signed char outer) {
    delay_30us();
    inner--;
    if (inner != 0) {
        v_delay(inner, outer);
    }
    outer--;
    if (outer != 0 ) {
        v_delay(0,outer);
    }
}

extern void delay_40ms (void) {
    /*
    v_delay(0,4);      //call v_delay function with inner loop variable=0 and outer loop variable=4
    */
    for (int j=0; j<= 1240 ; j++) {
        delay_30us();
    }
}

//*****
//
// Function Name      : "init_spi_lcd"
// Date              :
// Version           : 1.0
// Target MCU        : SAML21J18B
// Target Hardware    ; DOG LCD
// Author            : Brandon Cheung, Ishabul Haque
// DESCRIPTION
// Initializes the MCU's SPI communication to the DOG LCD at SERCOM1.
// PA16 = MOSI, PA17 = SCK, PA18 = /SS, PA19 = MISO (not used), PB06 = RS.
//
// Warnings           : none

```