```c
extern void lcd_spi_transmit_DATA (char data) {
    REG_PORT_OUTSET1 = 0x00000040;                  // RS = 1 -> data
    REG_PORT_OUTCLR1 = 0x00040000;                  // /SS = 0 -> selected
    while(!(REG_SERCOM1_SPI_INTFLAG & 1)) {}        /* wait until Tx ready */
    REG_SERCOM1_SPI_DATA = data;                    /* send data byte */
    REG_PORT_OUTSET1 = 0x00040000;                  // /SS = 1 -> deselected
}

//*****************************************************************************
//
// Function Name        : "init_lcd_dog"
// Date                 :
// Version              : 1.0
// Target MCU           : SAML21J18B
// Target Hardware      ; DOG LCD
// Author               : Brandon Cheung, Ishabul Haque
// DESCRIPTION
// Configures and initializes DOG LCD and MCU for SPI communication.
//
// Warnings             : none
// Restrictions         : none
// Algorithms           : none
// References           : none
//
// Revision History     : Initial version
//
//*****************************************************************************
extern void init_lcd_dog (void) {
    init_spi_lcd();         // initialize SPI ports for LCD DOG
    delay_40ms();

    //function set 1
    lcd_spi_transmit_CMD(0x39);     //send function set 1
    delay_30us();

    //function set 2
    lcd_spi_transmit_CMD(0x39);     //send function set 2
```