

```

//*****
*****
//
// File Name           : lcd.h
// Title               : Header file for LCD module
// Date               : 02/07/10
// Version            : 1.0
// Target MCU         : ATmega128 @   MHz
// Target Hardware    ;
// Author             : Ken Short
// DESCRIPTION
// This file includes all the declaration the compiler needs to
// reference the functions and variables written in the files
lcd_ext.c.
// lcd.asm and lcd_dog_iar_driver.asm
//
// Warnings           : none
// Restrictions       : none
// Algorithms         : none
// References         : none
//
// Revision History   : Initial version
//
//
//*****

#ifndef LDC_H_
#define LDC_H_

/**
 * To use the lcd functions in lcd_dog_iar_driver.asm lcd_ext.c all
that is
 * needed is to include this file.
 */

/**
 * This declaration tells the compiler to look for dsp_buff_x in
 * another module. It is used by lcd_ext.c and main.c to locate the
buffers.
 */
extern char dsp_buff_1[16];
extern char dsp_buff_2[16];
extern char dsp_buff_3[16];

/**
 * Declaratios of low level lcd functions located in
lcd_dog_iar_driver.asm
 * Note that these are external.
 */
__version_1 extern void init_lcd_dog(void);
__version_1 extern void update_lcd_dog(void);

/**
 * These functions are located in lcd_ext.c
 */

```

```
extern void clear_dsp(void);  
extern int putchar(int);  
  
#endif /* LCD_H_ */
```