

```

/*****
 * includes.h - Master header file template for star12 projects.
 *             This version is for ETec454 Lab1 using the Metrowerks
 *             compiler.
 *
 * Todd Morton 01/05/05
 *****/
 * General type definitions
 *****/
typedef unsigned char  INT8U;
typedef signed char    INT8S;
typedef unsigned short INT16U;
typedef signed short   INT16S;
typedef unsigned long  INT32U;
typedef signed long    INT32S;

#define ISR __interrupt void

/*****
 * General Defined Constants
 *****/
#define FALSE 0
#define TRUE  1

/*****
 * General defined macros
 *****/
#define FOREVER()    while(1)
#define TRAP()       while(1){}

/*****
 * MCU specific definitions
 * Move the comment to use the project MCU, or enter a new MCU header.
 *****/
#include "9S12dp512.h"      /* CODE 9S12DP512 register defines */
// #include "9S12dg128.h"    /* CODE 9S12DG128 register defines */
#include "Key.h"
#include "LCD.h"
#include "OCDelay.h"

#define SWI()      asm swi;
#define ENABLE_INT() asm cli;
#define DISABLE_INT() asm sei;

/*****
 * Project Constant and Macro Definitions
 *****/

/*****
 * System Header Files
 *****/

/*****
 * Module Header Files or Declarations
 *****/
/*****/
```