

```

OC.h
#include <hidef.h> /* common defines and macros */
#include <mc9s12dp512.h> /* derivative information */
#pragma LINK_INFO DERIVATIVE "mc9s12dp512"

extern signed short volatile hours;
extern signed short volatile minutes;
extern signed short volatile seconds;
extern int volatile alarmOn;

//-----OC_Init0-----
// arm output compare 0 for 1 Hz periodic interrupt
// also enables timer to 16 us period
// Input: none
// Output: none
void OC_Init0(void);

//-----OC_Init1-----
// arm output compare 0 for 800 Hz periodic interrupt
// Input: none
// Output: none
void OC_Init1(void);

```