

```
1 // Preprocessor Directives to include the library only once:
2 #ifndef _TIMER05
3 #define _TIMER05
4
5 // Necessary libraries:
6 #include <LPC17xx.H>
7 #include "UTS.h"
8 #include "uart.h"
9 #include "servo.h"
10
11 // Necessary global variable:
12 extern struct sonar_status sonar; // Sonar state is modified by
timer 0.5 handler.
13
14 // Available functions that can be called:
15 void config_timer05(void); // Configure the Timer0 to
interrupt every 0.5 seconds.
16
17 #endif
18
```