```
// File **********Timer.h**********
// Timer wait routine, 9S12DP512
// assumes PLL is active and E clock is 24 MHz
// TCNT will become 1.5MHz
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//  This example accompanies the books
//   "Embedded Microcomputer Systems: Real Time Interfacing",
//         Thomson Engineering, copyright (c) 2006,
//   "Introduction to Embedded Microcomputer Systems:
//    Motorola 6811 and 6812 Simulation", Thomson, copyright (c) 2002

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//---------------------Timer_Init---------------------
// activate TCNT at 1.5 MHz
// inputs: none
// outputs: none
void Timer_Init(void);


//---------Timer_Wait------------------
// fixed time delay
// inputs: time to wait in 667ns cycles
// outputs: none
void Timer_Wait(unsigned short delay);

//---------Timer_Wait1ms------------------
// fixed time delay
// inputs: time to wait in ms
// outputs: none
// 1500 cycles equals 1ms
void Timer_Wait1ms(unsigned short delay);

//---------Timer_Wait10ms------------------
// fixed time delay
// inputs: time to wait in 10ms
// outputs: none
// 15000 cycles equals 10ms
void Timer_Wait10ms(unsigned short delay);
```