Ex16-LCD-Ana

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Tue Jun 19 2012 11:05:55

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Chapter 1

File Index

1.1 File List

Here is a list of all documented files with brief descriptions:

Ex16-LCD-Ana.h
: Global declarations for Ex16-LCD-Ana 3

Initialize.c
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main.c
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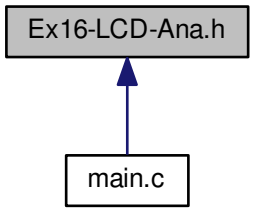
Chapter 2

File Documentation

2.1 Ex16-LCD-Ana.h File Reference

Global declarations for Ex16-LCD-Ana.

This graph shows which files directly or indirectly include this file:



Functions

- void Initialize (void)

  Initialization for Ex16-LCD-Ana.

2.1.1 Detailed Description

Global declarations for Ex16-LCD-Ana. File: Ex16-LCD-Ana.h Author: jjmcd

Created on June 19, 2012, 9:28 AM

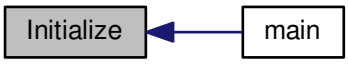
2.1.2 Function Documentation

2.1.2.1 void Initialize (void)

Initialization for Ex16-LCD-Ana.

Initializes the ports and then initializes timer 6

Here is the caller graph for this function:



2.2 Initialize.c File Reference

Initialization for Ex16-LCD-Ana.

Functions

- void Initialize (void)

  Initialization for Ex16-LCD-Ana.

2.2.1 Detailed Description

Initialization for Ex16-LCD-Ana.

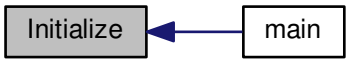
2.2.2 Function Documentation

2.2.2.1 void Initialize (void)

Initialization for Ex16-LCD-Ana.

Initializes the ports and then initializes timer 6

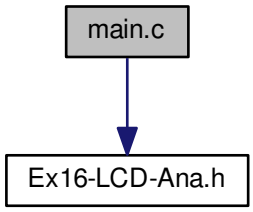
Here is the caller graph for this function:



2.3 main.c File Reference

Mainline for Ex16-LCD-Ana.

`#include "Ex16-LCD-Ana.h"` Include dependency graph for main.c:



Functions

- int main (void)

  Mainline for Ex16-LCD-Ana.

2.3.1 Detailed Description

Mainline for Ex16-LCD-Ana. File: main.c Author: jjmcd

Created on June 19, 2012, 9:27 AM

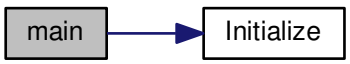
2.3.2 Function Documentation

2.3.2.1 int main (void)

Mainline for Ex16-LCD-Ana.

Calls Initialize() and then hangs around waiting for the ISR to do its thing.

Here is the call graph for this function:



2.4 Tmr6Interrupt.c File Reference

Timer 6 interrupt service roiutine.

Functions

- void __attribute__ ((__interrupt__, auto_psv))

  Timer 6 Interrupt Service Routine.

2.4.1 Detailed Description

Timer 6 interrupt service roiutine. Whenever Timer 6 expires, this routine toggles the rightmost 2 LEDs.

2.4.2 Function Documentation

2.4.2.1 void __attribute__ ((__interrupt__, auto_psv))

Timer 6 Interrupt Service Routine.

Gets executed whenever Timer 6 expires

Pseudocode:

```
Clear timer interrupt flag
Toggle right 2 LEDs (XOR LATA with 3)
```