C:\Keil\EE319KwareSpring2015\Lab4_EE319K\Lab4.uvproj - µVision4

File Edit View Project Flash Debug Peripherals Tools SVCS Window Help

Logic Analyzer

Setup... Load... Save... | Min Time 0 s | Max Time 3.654029 s | Grid 0.2 s | Zoom In Out All | Min/Max Auto Undo | Update Screen Stop Clear | Transition Prev Next | Jump to Code Trace | Signal Info | Show Cycles | Amplitude | Cursor

...01) 1 0

...> 1 1 0

...> 2 1 0

0.29692 s 0.77692 s

Disassembly | Logic Analyzer

main.s | Startup.s

```
129  delay   LDR R0, =MILLISEC        ;percentage overhead required to run the debugging ins
130  again   SUBS R0, #1              ; (900 ns)/(62.5 ms)*100% = 0.00144%
```

TExaS Lab 4

Port E Hardware

TM4C123 80 MHz

SW +3.3 PE0 PE1 LED

Port E Registers

| | | | | | |
|---|---|---|---|---|---|
| DATA: | 0x02 | PUR: | 0x00 | LOCK: | 0x00 |
| DIR: | 0x3A | PDR: | 0x00 | CR: | 0xFF |
| DEN: | 0x3B | RCGCGPIO: | 0x00000039 | Clock enabled | |

Grading Controls

Number from EdX | Grade | Score: 0 | Copy this to EdX:

Memory 1

Address: 0x20000000

```
0x20000000: 000C3500 000008B8 000008E0 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000001 00000000 00000001 00000001 00000001 00000001
0x20000040: 00000001 00000001 00000010 00000011 00000010 00000011 00000010 00000011 00000010 00000011 00000010 00000011 00000010 00000011 00000010 00000011
0x20000080: 00000010 00000011 00000010 00000011 00000001 00000001 00000001 00000001 00000001 00000010 00000011 00000010 00000011 00000010 00000001 00000001
0x200000C0: 00000001 00000001 00000001 00000001 00000001 00000001 00000001 00000001 00000001 00000001 00000001 00000001 00000001 00000001 00FFFFB7 00ACBECC
0x20000100: 00597DE1 00063CF6 00B2FC0B 005FBB20 000C7A34 00B93948 0065F85C 0012B770 00BF7684 006C3598 0018F4AC 00C5B3C0 007272D4 001F31E8 00CBF0FC 0078B010
0x20000140: 00256F24 00D22E38 007EED4C 002BAC60 00D86B74 00852A88 0031E99D 00DEA8B2 008B67C7 003826DC 00E4E5F1 0091A505 003E6419 00EB232D 0097E241 0044A155
0x20000180: 00F1606A 009E1F7F 004ADE94 00F79DA9 00A45CBE 00511BD3 00FDDAE8 00AA99FD 00575912 00041827 00B0D73C 005D9651 000A5566 00B7147B 0063D390 001092A5
0x200001C0: 200000F8 200001C0 00000000 00000000 31334545 20204B39 00000004 00000000 00000000 00000000 20202020 20202020 00000958 00000930 00000908 00000908
```

Command | Call Stack + Locals | Memory 1

Simulation t1: 3.65403279 sec L:130 C:1 CAP NUM SCRL OVR R/W

11:43 PM 3/2/2015