Embedded

LAB 4

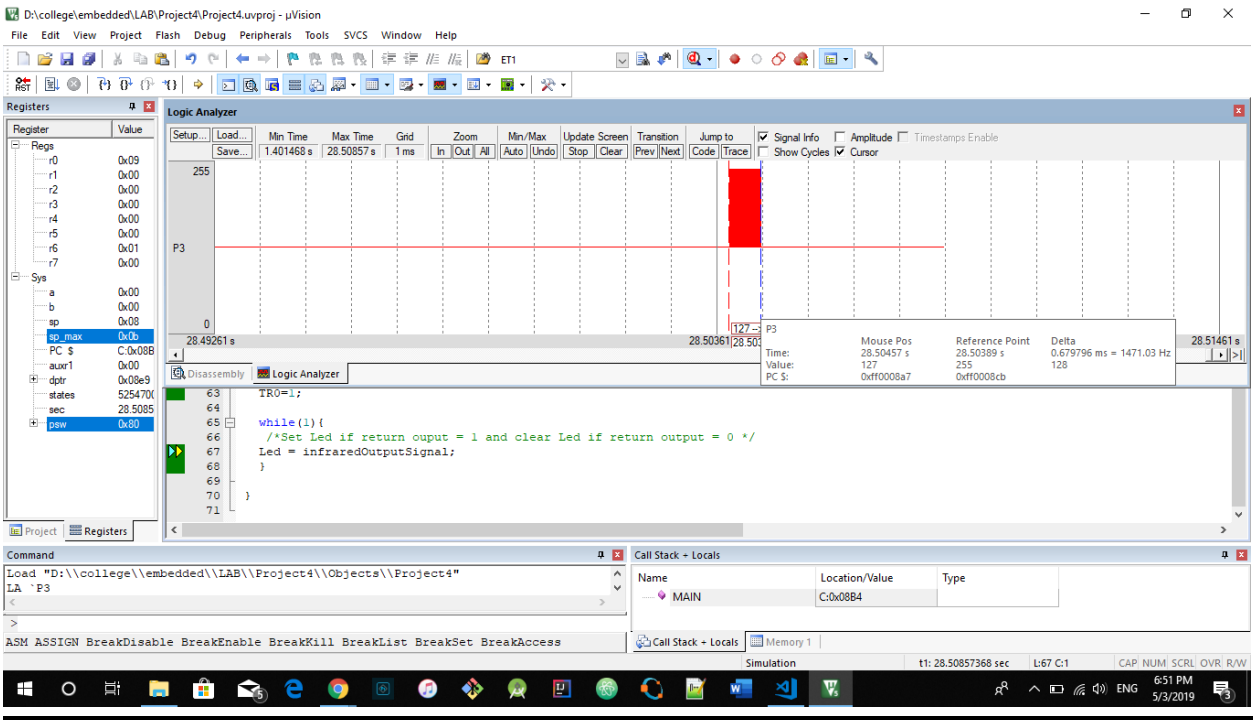
Name : Mohamed Essam Mohamed

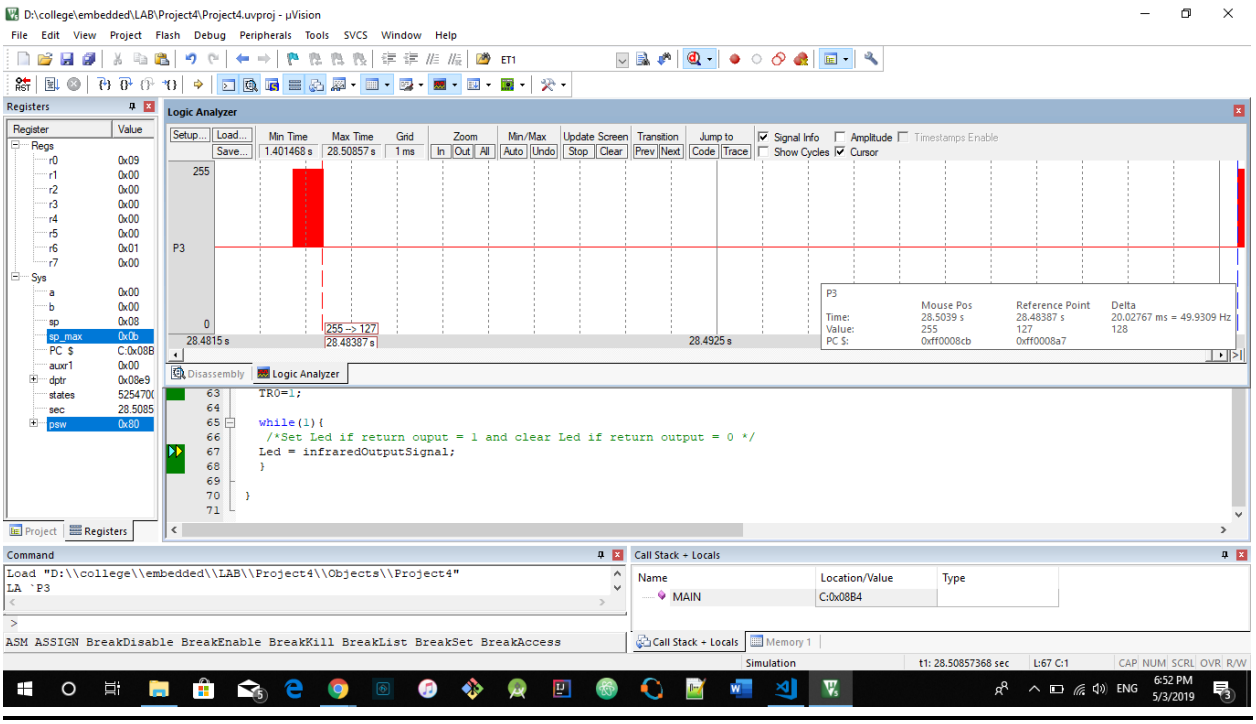
Id : 3879 Group : 1

Name : Ammar Yasser

Id : 3782 Group : 1

P6 TEAM : 54


D:\college\embedded\LAB\Project4\Project4.uvproj - µVision
File Edit View Project Flash Debug Peripherals Tools SVCS Window Help
Registers
Logic Analyzer
Setup... Load... Save...
Min Time 1.401468 s
Max Time 28.50857 s
Grid 1 ms
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
Timestamps Enable
255
P3
0
28.49261 s
28.51461 s
Time: 28.50457 s
Value: 127
PC $: 0xff0008a7
Mouse Pos
Reference Point 28.50389 s
Delta 0.679796 ms = 1471.03 Hz
Reference Point 0xff0008cb
Disassembly
Logic Analyzer
TR0=1;
while(1){
/*Set Led if return ouput = 1 and clear Led if return output = 0 */
Led = infraredOutputSignal;
}
Command
Load "D:\\college\\embedded\\LAB\\Project4\\Objects\\Project4"
LA `P3
ASM ASSIGN BreakDisable BreakEnable BreakKill BreakList BreakSet BreakAccess
Call Stack + Locals
Name
Location/Value
Type
MAIN
C:0x08B4
Memory 1
Simulation
t1: 28.50857368 sec
L:67 C:1
6:51 PM
5/3/2019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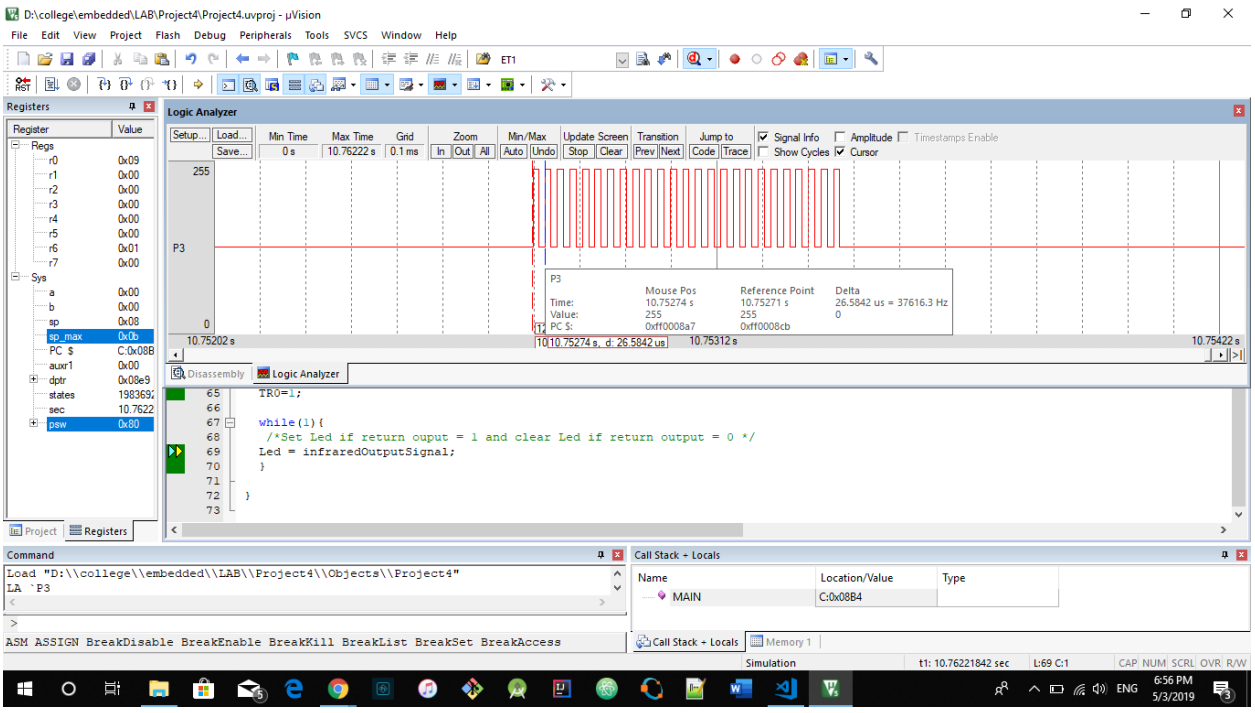
Registers
Logic Analyzer
Setup... Load... Save...
Min Time 1.401468 s
Max Time 28.50857 s
Grid 1 ms
Zoom In Out All
Min/Max Auto Undo
Update Screen Stop Clear
Transition Prev Next
Jump to Code Trace
Signal Info
Show Cycles
Amplitude
Cursor
Timestamps Enable
255
P3
0
255 -> 127
28.4815 s
28.48387 s
28.4925 s
Time: 28.5039 s
Value: 255
PC $: 0xff0008cb
Mouse Pos
Reference Point 28.48387 s
Delta 20.02767 ms = 49.9309 Hz
Reference Point 0xff0008a7
Disassembly
Logic Analyzer
TR0=1;
while(1){
/*Set Led if return ouput = 1 and clear Led if return output = 0 */
Led = infraredOutputSignal;
}
Command
Load "D:\\college\\embedded\\LAB\\Project4\\Objects\\Project4"
LA `P3
ASM ASSIGN BreakDisable BreakEnable BreakKill BreakList BreakSet BreakAccess
Call Stack + Locals
Name
Location/Value
Type
MAIN
C:0x08B4
Memory 1
Simulation
t1: 28.50857368 sec
L:67 C:1
6:52 PM
5/3/2019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Logic Analyzer
Disassembly
Logic Analyzer
TR0=1;
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Led = infraredOutputSignal;
}
}
Command
Load "D:\\college\\embedded\\LAB\\Project4\\Objects\\Project4"
LA `P3
ASM ASSIGN BreakDisable BreakEnable BreakKill BreakList BreakSet BreakAccess
Call Stack + Locals
Name
Location/Value
Type
MAIN
C:0x08B4
Simulation
t1: 10.76221842 sec
L:69 C:1
6:56 PM
5/3/2019