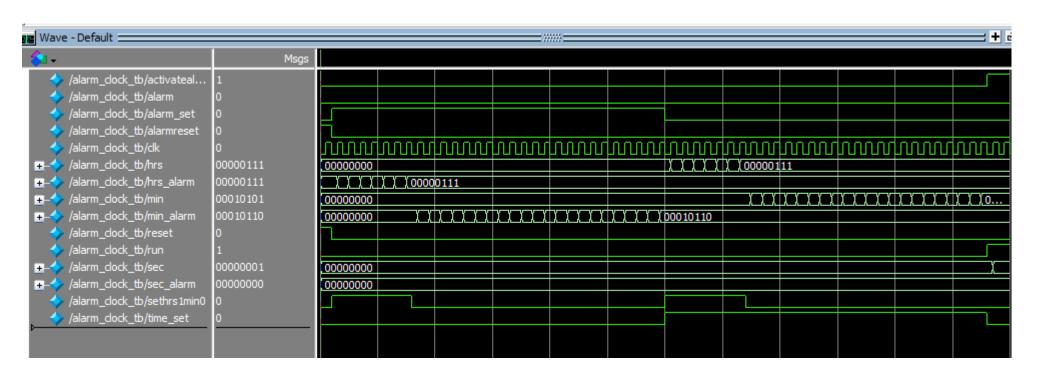
Lab 4

Pranav Nadimpalli

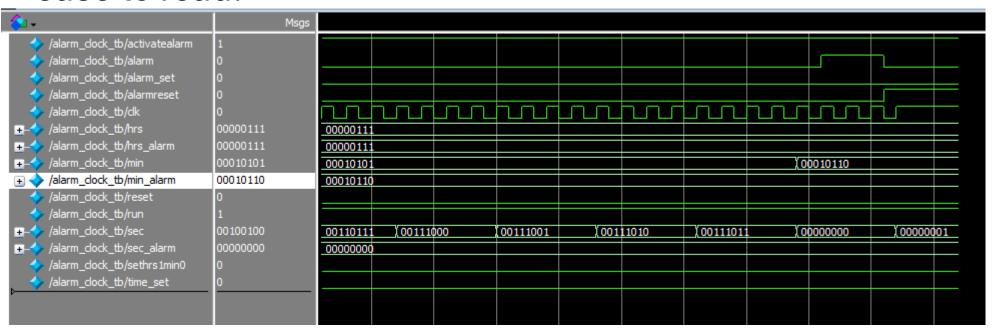
Simulated Alarm Clock pt. 1

 Setting the time. Hours and minutes for alarm set to 7:22:00 while clock is set to 7:21

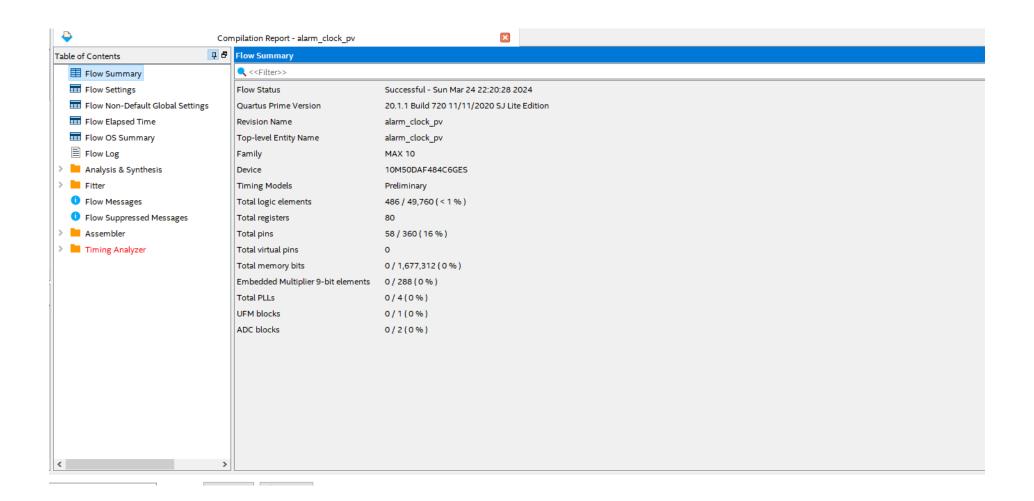


Simulate Alarm Clock Pt. 2

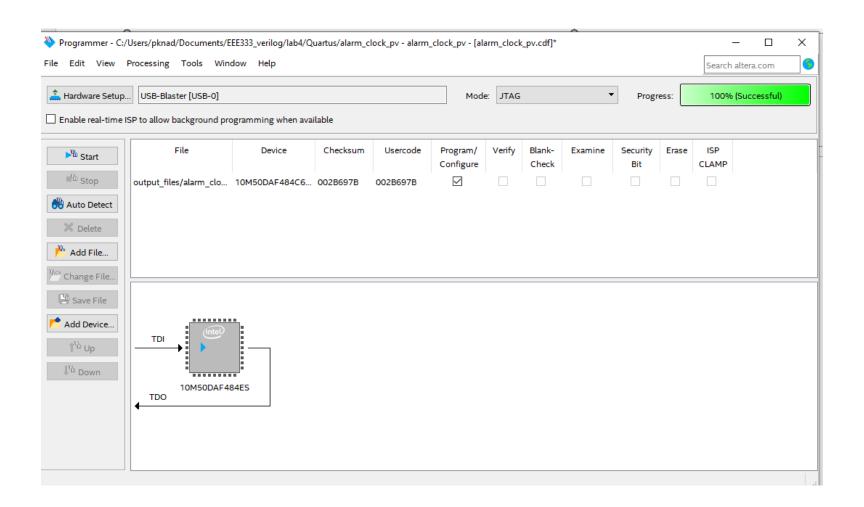
 Running clock till alarm once times match the alarm is set then reset when reset is high. I am only showing the last portion for ease to read.



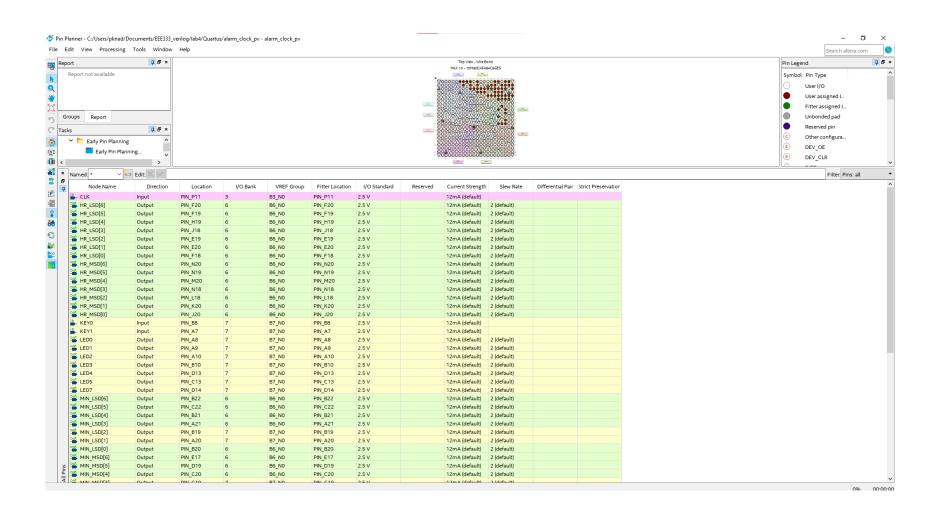
Flow Summary



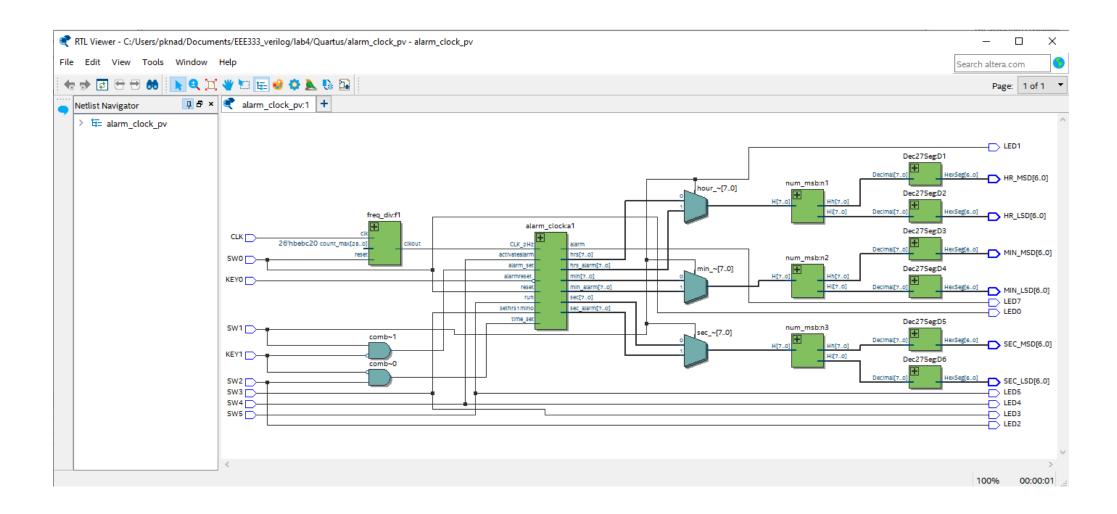
Programmed



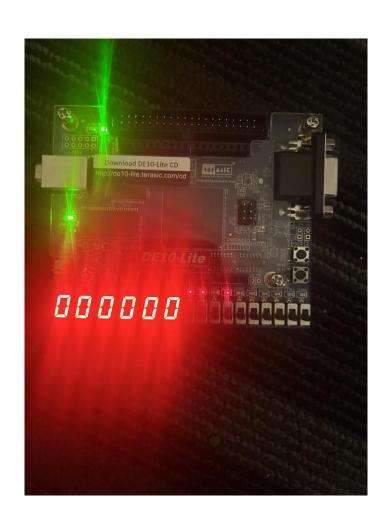
Pin assignment



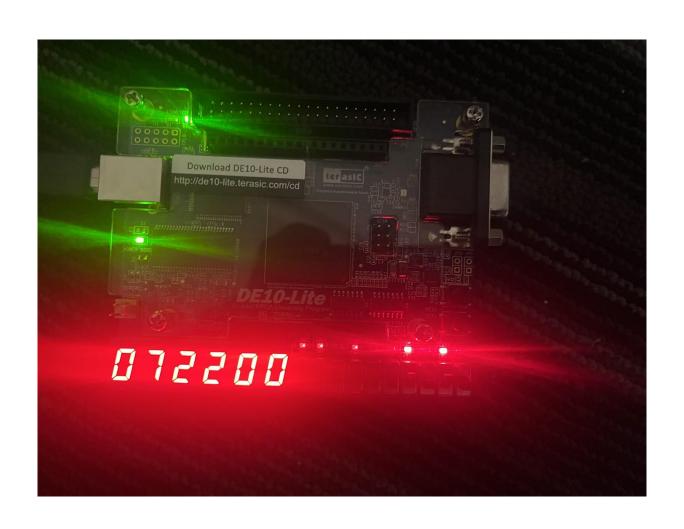
Net List viewer



Clk & alarm reset



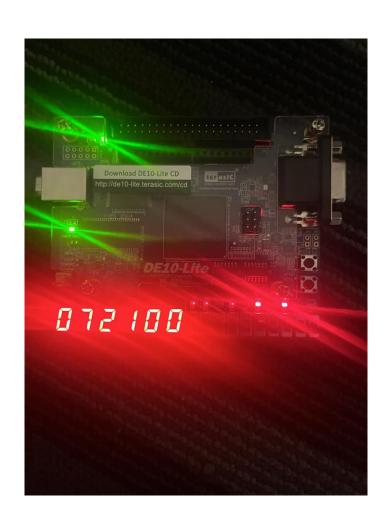
Set alarm to 7: 22



Set clock to 7:21



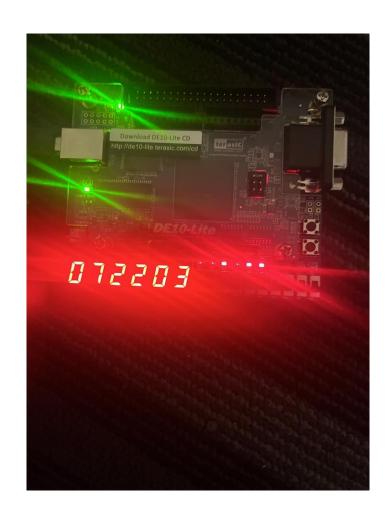
Active alarm



Run timer



Alarm went off



Alarm reset

