

IUST  
Iran University of  
Science and Technology

Department of  
Computer Engineering

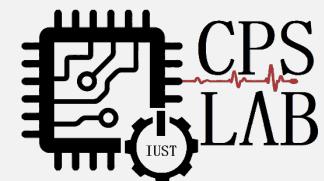
# Computer Architecture Laboratory

## LED Light Control With Counter

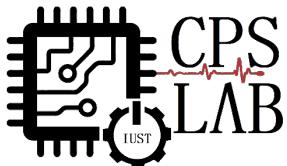
Lecturer: Ali Javadi

[Javadi\\_ali@comp.iust.ac.ir](mailto:Javadi_ali@comp.iust.ac.ir)

10<sup>th</sup> session



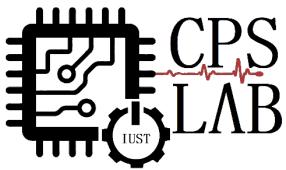
Cyber-Physical Systems Laboratory



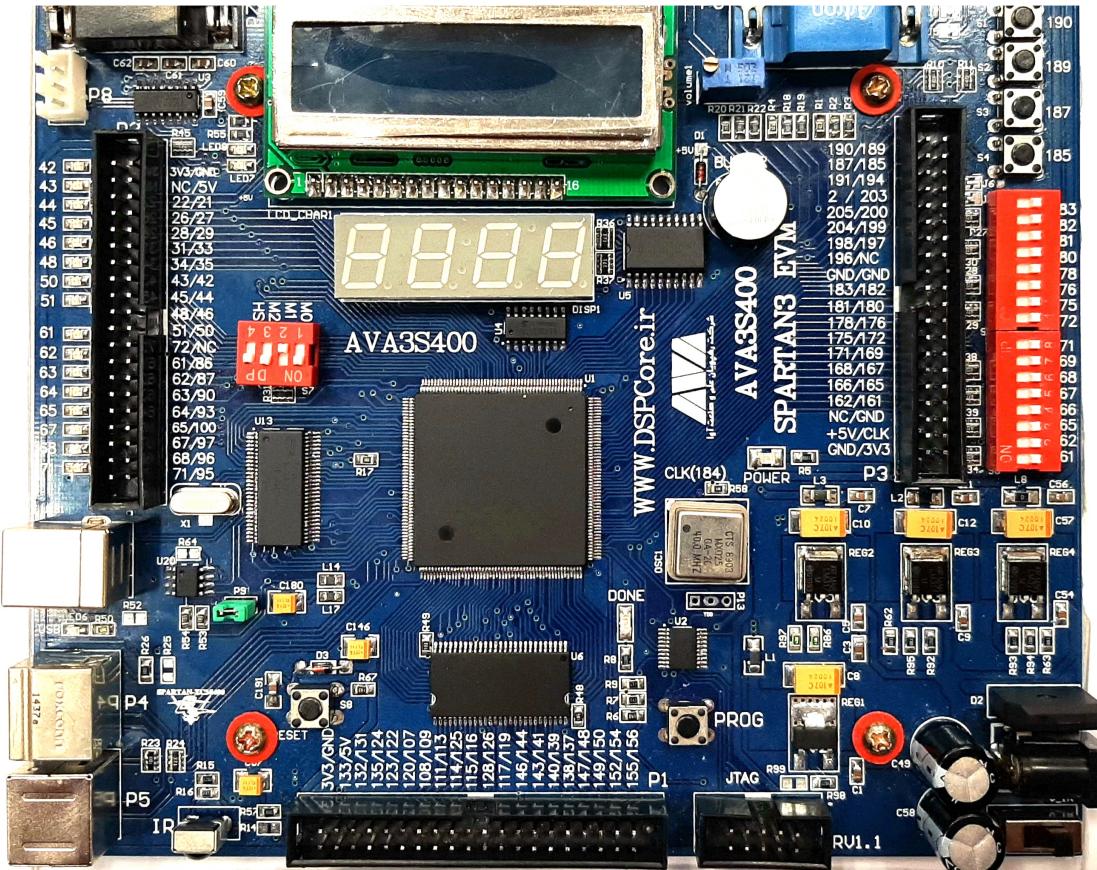
# Overview

- Count by Pressing Key
- 7-Segment Display
- LED Control With PWM
- Project Determination
- Experiment

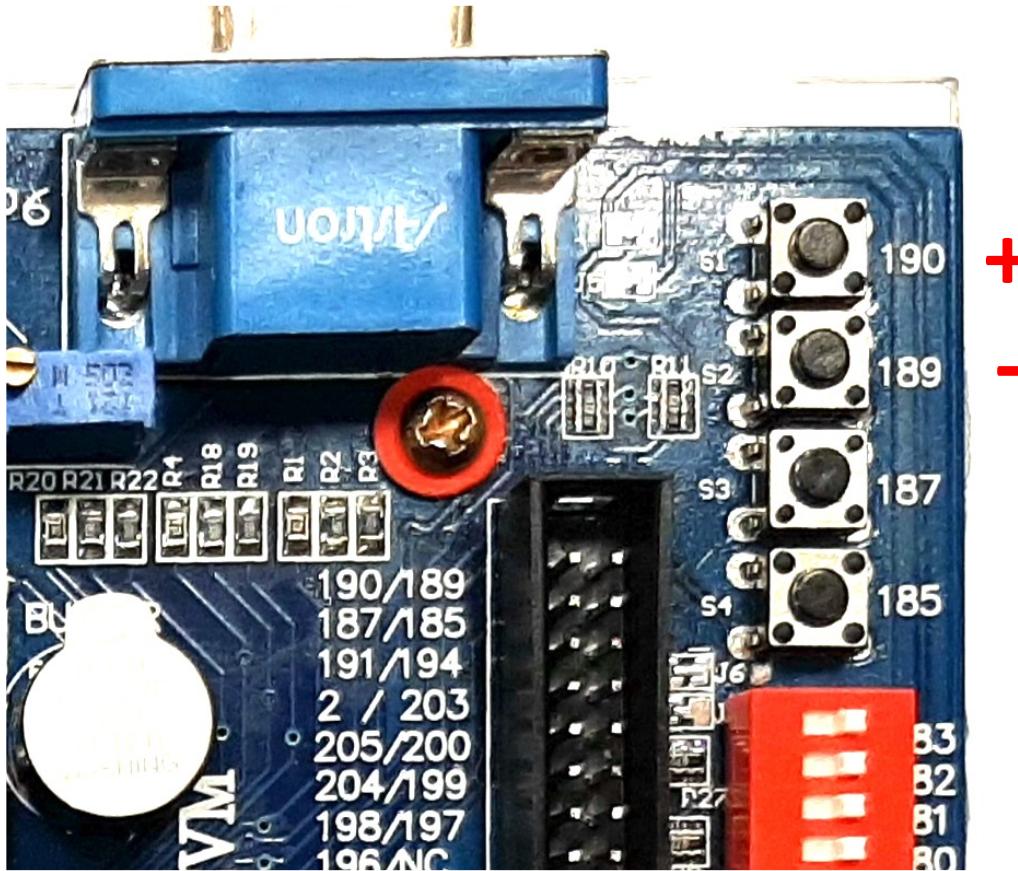




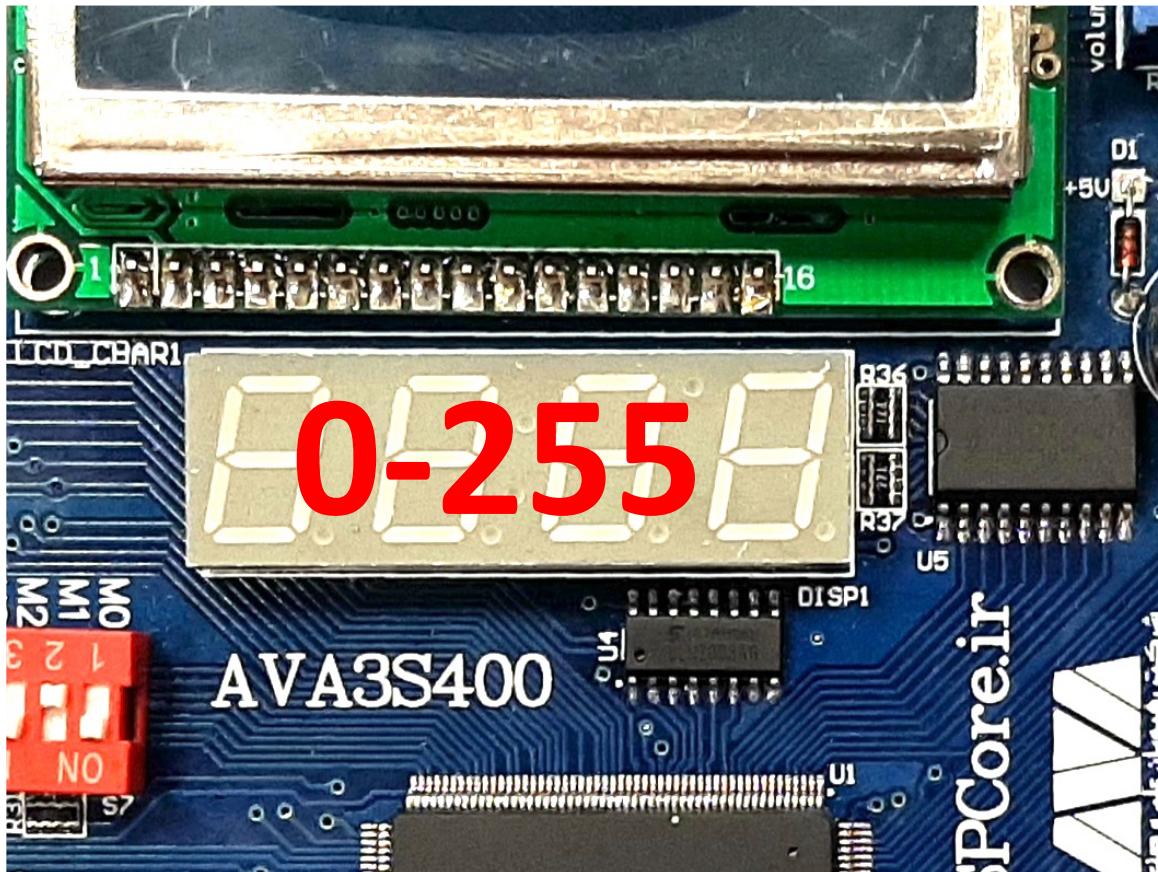
# Count by Pressing Key



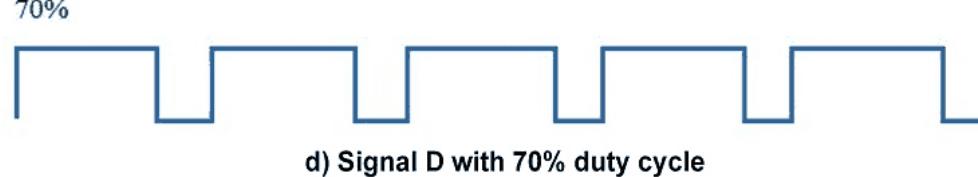
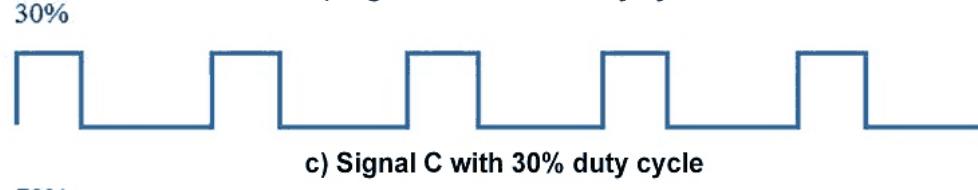
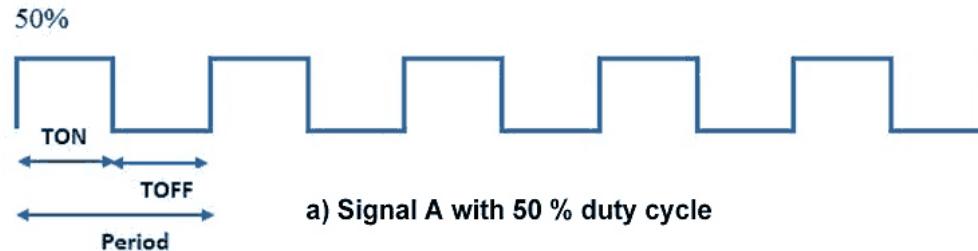
# Count by Pressing Key



# 7-Segment Display



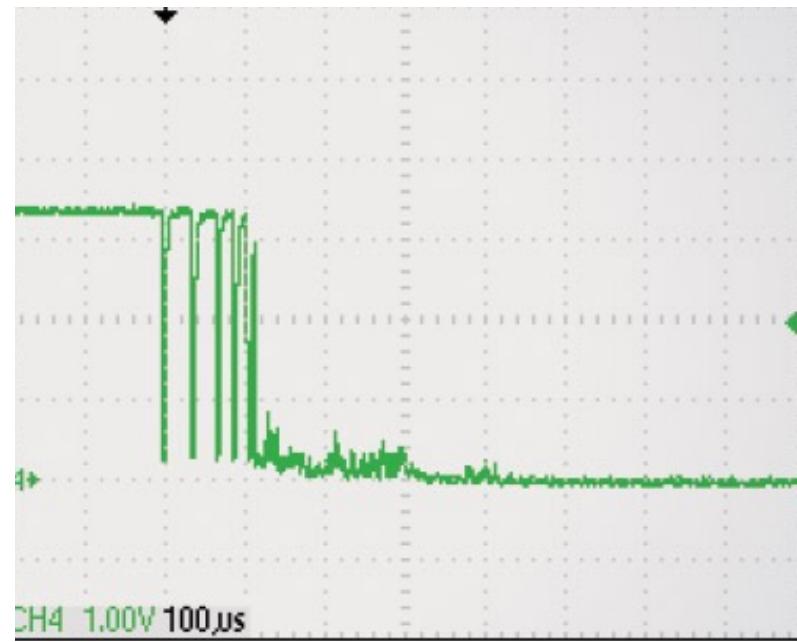
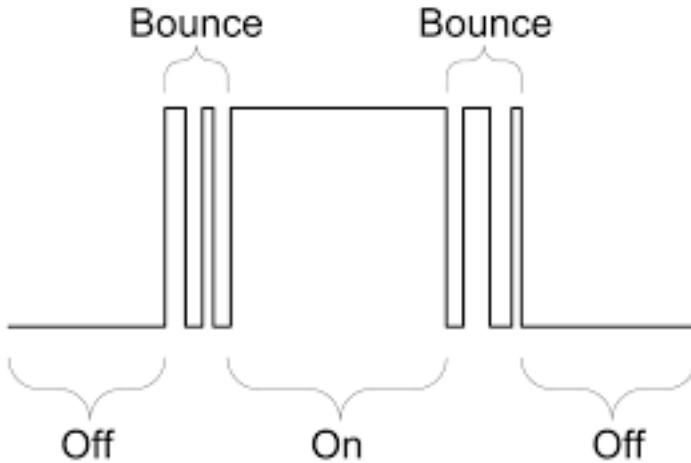
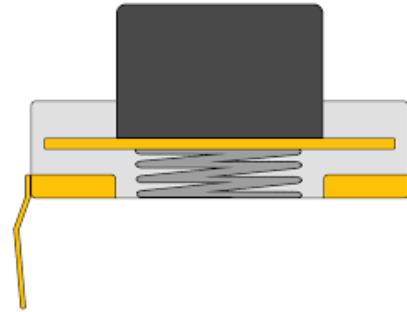
# LED Control With PWM



# Project Determination



# Key Debounce





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# THANK YOU

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[cps.iust.ac.ir](http://cps.iust.ac.ir)

+98 (21) 73225350

[Javadi\\_ali@comp.iust.ac.ir](mailto:Javadi_ali@comp.iust.ac.ir)



Room 120, Department of Computer Engineering, Iran University of Science and Technology, University Road, Hengam Street, Resalat Square, Narmak, Tehran, IRAN 16846-13114.