

EE354L -- Interrupts on Picoblaze Lab

Picoblaze Interrupts Lab revised in March 2019

Directory: http://ee-classes.usc.edu/ee254/Interrupts_on_Picoblaze/

Lecture and Lab slides handout: http://ee-classes.usc.edu/ee254/Interrupts_on_Picoblaze/Interrupts_on_picoblaze.pdf

Please download all items in the above directory

8-part video (total playing time 132 minutes) <= Please do watch.

Contents of the directory:

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Name	Last modified	Size
 Parent Directory		-
 Readme Interrupts on Picoblaze.pdf	16-Mar-2019 22:36	78K
 TAs_bit_files_to_Tryout.zip	16-Mar-2019 21:59	83K
 Interrupt_Polling_Picoblaze.zip	16-Mar-2019 21:38	12K
 Interrupt_no_Polling_Picoblaze.zip	16-Mar-2019 21:38	11K
 mp4.zip	16-Mar-2019 21:37	346M
 Interrupts_on_picoblaze.pdf	16-Mar-2019 20:01	2.3M
 KCPSM6_User_Guide_30Sept14_Interrupts_Extract.pdf	16-Mar-2019 06:30	1.4M
 test_nexys3_verilog.zip	16-Mar-2019 05:23	11K

please watch the 8-part 132 min video lecture

8 parts of the video lecture

Section	.mp4	Length	
Section A: General Introduction to Interrupts and Interrupts in Picoblaze	A.mp4	43 min	84 min
Section B: Introduction to test_nexys3_Verilog.v	B.mp4	5 min	
Section C: Relation between the test_nexys3_verilog.v and this Interrupts Lab	C.mp4	10 min	
Section DP1: Cause of Interrupt -- Through polling in ISR	DP1.mp4	26 min	48 min
Section DP2: Cause of Interrupt -- Through prioritization logic in the fabric logic	DP2.mp4	15 min	
Section E: ISR part of Walking LEDs using an indirect jump instr. JUMP@ (sX,sY)	E.mp4	13 min	
Section F: Priority among interrupts – Fixed priority here. Starving?	F.mp4	15 min	
Section G: Lab Part 1 and Part 2 – what is given and what is to be done	G.mp4	5 min	
Total time			132 min

