

## NAND GATE

### CASE 1

Messages			
◆ /nand_gate/a	0		
◆ /nand_gate/b	0		
◆ /nand_gate/y	1		

### CASE 2

◆ /nand_gate/a	0						
◆ /nand_gate/b	1						
◆ /nand_gate/y	1						

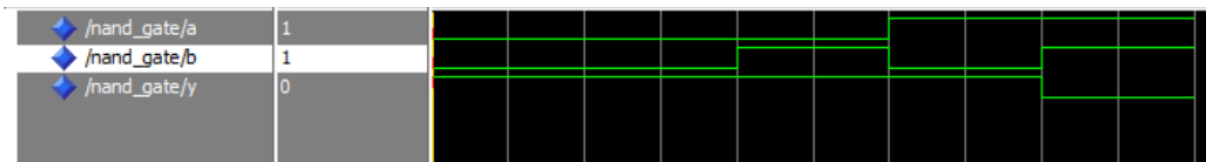
### CASE 3

◆ /nand_gate/a	1						
◆ /nand_gate/b	0						
◆ /nand_gate/y	1						

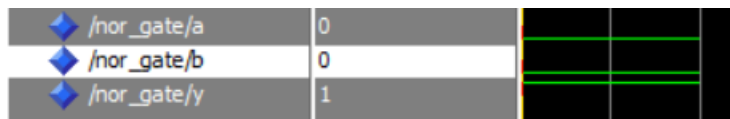
Now	400 ps	0 ps	100 ps	200 ps	300 ps	400 ps
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#### CASE 4



#### NOR GATE

#### CASE 1



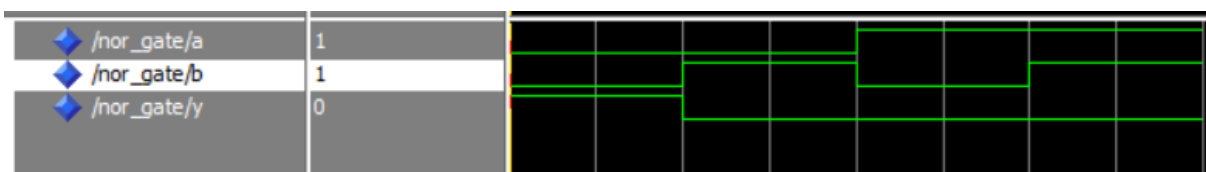
#### CASE 2



#### CASE 3






#### CASE 4



## EXOR GATE

### CASE 1

 /exor_gate/a	0				
 /exor_gate/b	0				
 /exor_gate/y	0				




### CASE 2

 /exor_gate/a	0				
 /exor_gate/b	1				
 /exor_gate/y	1				

### CASE 3




 /exor_gate/a	1						
 /exor_gate/b	0						
 /exor_gate/y	1						

### CASE 4

 /exor_gate/a	1								
 /exor_gate/b	1								
 /exor_gate/y	0								

## EXNOR GATE

### CASE 1

 /exnor_gate/a	0			
 /exnor_gate/b	0			
 /exnor_gate/y	1			

### CASE 2

 /exnor_gate/a	0				
 /exnor_gate/b	1				
 /exnor_gate/y	0				

### CASE 3

 /exnor_gate/a	1						
 /exnor_gate/b	0						
 /exnor_gate/y	0						

### CASE 4

 /exnor_gate/a	1						
 /exnor_gate/b	1						
 /exnor_gate/y	1						