Time reset_n	19700 ns 19800	1 ns 19901 ns	20 tis 201001	ns 20200 bs	20300 tis 2040	0 dis 20500 dis 2060	18 20700 18	20H00 ns	20910 is	21 18	21100 ts	21200 ns	21300 ns	21400 ns 21500	18 21600 ns	21700 as	21800 ns	21910 ns	22 18
reset_n																			
Elevator FSM Binary Output (Debugging)																			
elevator_control_output[10:0]	00000010001				χο	00+ <b>X</b> 001+ <b>X</b> 001+ <b>X</b> 010+ <b>X</b> 010+ <b>X</b>	1010010001												
Elevator Panel																			
	00000000000		(0000010000	0 (0000000					0010000000	0	0000000000	00							
	00000000000				000001	00000	000000000												
Elevator Call Buttons (1 per floor)																			
raw_floor_call_buttons[10:0]	00000000000																		
call_button_lights[10:0]	00000000000																		
Button Inputs																			
raw_door_close_btn																			
raw_door_open_btn																			
raw_emergency_btn																			
raw_power_switch																			
weight_sensor																			
FSM Outputs																			
door_open																			
weight_overload_lamp																			
safety_interlock																			
elevator_upward_indicator_lamp																			
elevator_downward_indicator_lamp																			
alarm																			
Elevator Position Floor Lights																			
floor_indicator_lamps[3:0]	0				(1	X2 X3 X4 X5													
Value is binary, Floor 1 = 0, Floor 2 = 1, etc																			