Time reset_n	13	700 ts	13600 ns 13	3900 ns	14 us 1	4100 rs	4200 ns 1-	4300 ns 14	400 ns 145	10 ts 14	500 ns 147	N 18 148	00 ns 145	910 rs	5 us 1	5100 ns 1	200 ns 15.	800 ns 15	(O 15	15500 ns
reset_n																				
Elevator FSM Binary Output (Debugging)																				
elevator_control_output[10:0]	00000010001																			_
Elevator Panel																				
	00000000000																			_
panel_button_lights[10:0]	00000000000																			_
Elevator Call Buttons (1 per floor)																				
	00000000000																			_
	00000000000																			_
Button Inputs																				
raw_door_close_btn																				
raw_door_open_btn																				
raw_emergency_btn							<u> </u>													
raw_power_switch																				_
weight_sensor																				
FSM Outputs																				
door_open																				_
weight_overload_lamp																1				
safety_interlock																				
elevator_upward_indicator_lamp																				
elevator_downward_indicator_lamp																				
alarm																				
Elevator Position Floor Lights																				
floor_indicator_lamps[3:0]	0																			_
Value is binary, Floor 1 = 0, Floor 2 = 1, etc																				
		1	I	1			1	1	1				1	1	I	1		1	I	-