Time						
	7500 ns	7600 ns	7700 ns	7800 ns	7900 ns	8 us
reset_n						
Elevator FSM Binary Output (Debugging)						
elevator_control_output[10:0]	01110010001		00000010001			
Elevator Panel						
raw_panel_buttons[10:0]	00000000000					
panel_button_lights[10:0]	00000000000					
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]	7		0			
Value is binary, Floor 1 = 0, Floor 2 = 1, etc						