Time

Signal	Values
reset_n	

Elevator FSM Binary Output (Debugging)

Signal	Values
elevator_control_output[10:0]	00000010001 0+ 0+ 0+ 00110010001 11111010001 00000010001

Elevator Panel

Signal	Values
raw_panel_buttons[10:0]	00000000000 00000001000 00000000000 00000000010 00000000000
panel_button_lights[10:0]	00000000000 00000001000 00000000000 00000000010 00000000000

Elevator Call Buttons (1 per floor)

Signal	Values
raw_floor_call_buttons[10:0]	00000000000
call_button_lights[10:0]	00000000000

Button Inputs

Signal
raw_door_close_btn
raw_door_open_btn
raw_emergency_btn
raw_power_switch
weight_sensor

FSM Outputs

Signal
door_open
weight_overload_lamp
safety_interlock
elevator_upward_indicator_lamp
elevator_downward_indicator_lamp
alarm

Elevator Position Floor Lights

Signal	Values
floor_indicator_lamps[3:0]	0 1 2 3 15 0

Value is binary, Floor 1 = 0, Floor 2 = 1, etc