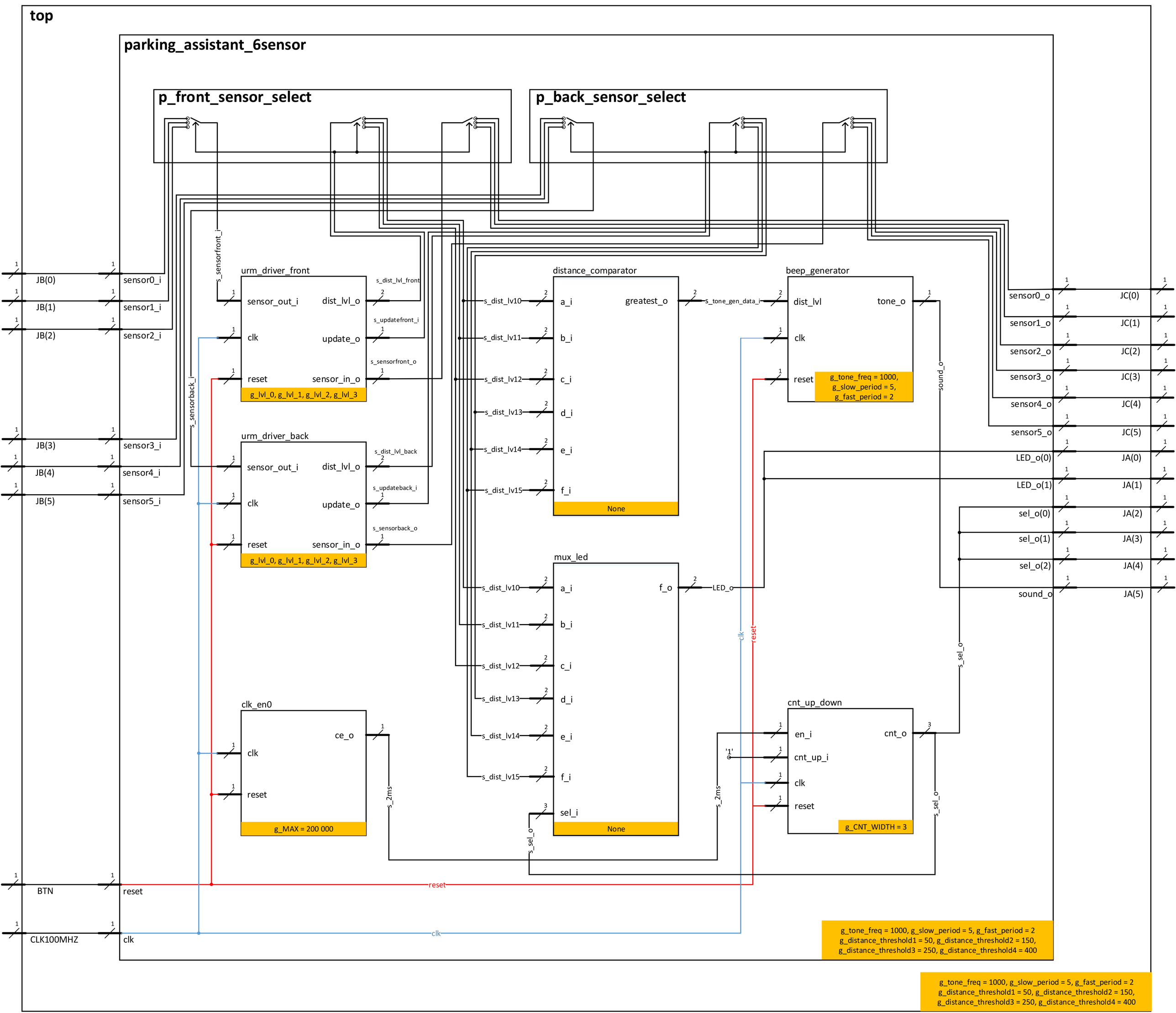
top
parking_assistant_6sensor
p_front_sensor_select
p_back_sensor_select
JB(0)
JB(1)
JB(2)
JB(3)
JB(4)
JB(5)
sensor0_i
sensor1_i
sensor2_i
sensor3_i
sensor4_i
sensor5_i
s_sensorfront_i
s_sensorback_i
urm_driver_front
sensor_out_i
dist_lvl_o
clk
update_o
reset
sensor_in_o
g_lvl_0, g_lvl_1, g_lvl_2, g_lvl_3
s_dist_lvl_front
s_updatefront_i
s_sensorfront_o
urm_driver_back
s_dist_lvl_back
s_updateback_i
s_sensorback_o
clk_en0
ce_o
g_MAX = 200 000
s_2ms
distance_comparator
a_i
b_i
c_i
d_i
e_i
f_i
greatest_o
None
s_dist_lv10
s_dist_lv11
s_dist_lv12
s_dist_lv13
s_dist_lv14
s_dist_lv15
s_tone_gen_data_i
mux_led
f_o
sel_i
LED_o
s_sel_o
beep_generator
dist_lvl
tone_o
g_tone_freq = 1000,
g_slow_period = 5,
g_fast_period = 2
sound_o
cnt_up_down
en_i
cnt_up_i
cnt_o
g_CNT_WIDTH = 3
'1'
sensor0_o
sensor1_o
sensor2_o
sensor3_o
sensor4_o
sensor5_o
LED_o(0)
LED_o(1)
sel_o(0)
sel_o(1)
sel_o(2)
sound_o
JC(0)
JC(1)
JC(2)
JC(3)
JC(4)
JC(5)
JA(0)
JA(1)
JA(2)
JA(3)
JA(4)
JA(5)
BTN
reset
CLK100MHZ
clk
g_tone_freq = 1000, g_slow_period = 5, g_fast_period = 2
g_distance_threshold1 = 50, g_distance_threshold2 = 150,
g_distance_threshold3 = 250, g_distance_threshold4 = 400
g_tone_freq = 1000, g_slow_period = 5, g_fast_period = 2
g_distance_threshold1 = 50, g_distance_threshold2 = 150,
g_distance_threshold3 = 250, g_distance_threshold4 = 400