0 ns	200 ns	400 ns	600 ns	800 ns
0000			0000	
XXXXXX			0000	
00\\\\\			0100	
0000 XXXX			1000	
(0)		0001110	0110010100	
(0)		0001110	0110010100	
00		0011100	0000010000	
		10000 ps		

% shamt[3:0]

addr_wr[3:0]
addr_rd1[3:0]
addr_rd2[3:0]
wd[15:0]
she

data_out[15:0]
dinout1[15:0]
dout2[15:0]
ll clk_period

lladir llaclk llawr