Time					
	0	100 ns	200 ns	300 ns	
alu_din2[3:0]	x	0	5	X	x
alu_dout[3:0]	x	4	x		
alu_sel[1:0]	xx	01	xx		
ar_din[3:0]	0	x	0	x	
ar_dout[3:0]	x	0	x	0	x
br_din[3:0]	0	5	X	x	
br_dout[3:0]	x	0	5	X	x
br_sel					
dm_adrs[3:0]	x	0	5	X	x
dm_din[3:0]	x	0	x	0	x
dm_dout[3:0]	x				
dm_re					
dm_we					
dr_din[3:0]	x	4	x		
dr_dout[3:0]	x	4	x		
dr_sel					
gr_a[1:0]	00	0x	00	0x	xx
gr_b[1:0]	00	01	xx		
gr_din[3:0]	x	4	x		
gr_dout_a[3:0]	0	x	0	x	
gr_dout_b[3:0]	0	x			
gr_sel					
gr_we					
im_adrs[3:0]	0	x			
im_dout[7:0]	05	xx			
ir_din[7:0]	05	xx			
ir_dout[7:0]	00	05	xx		
ir_we					
pr_din[3:0]	x				
pr_dout[3:0]	0	x			
pr_sel					
pr_we					
sr_din[1:0]	01 10 11 00 01 10 11 00 01 10 11 00 01 10 11 00 01 10 11 00 01 10 11 00 01 10 11 00 01 10 11				
sr_dout[1:0]	00 01 10 11 00 01 10 11 00 01 10 11 00 01 10 11 00 01 10 11 00 01 10 11 00 01 10 11 00 01 10				