	0 ps			40.0 ns		60.0 ns
clock						
operation_code			[0]			
operation_code[4]						
operation_code[3]						
operation_code[2]						
operation_code[1]						
controller	[5][227]	[11][227]	[2]c	[1][163]	[2][195]	[3][227]
controller[12]						
controller[11]						
controller[10]						
controller[9]						
controller[8]						
controller[7]						
controller[6]						
controller[5]						
controller[4]						
controller[3]						
controller[2]						
controller[1]						
reset						