Time		7 sec	14 sec	21 sec	28 \$1	ec	35 sec	
init=0								
reset=0								
current_state[1:0]=0		1	2			0		
read_state[3:0]=9	0		1 (2	(3)(4	(5 (6)	7 (8 (9		
ex_set=1								
ex_start=0								
ex_done=0								
nre1=1								
nre2=1								
adc=0								
expose=0								
erase=1								