state	greater_ out	equal16_ out	next_ state	element_ write	element_ drive	max_ write	i_ write	i_ drive	plus1_ drive	mem_ drive	addr_ write
reset			loop								
loop		1	end								
loop		0	read1								
read1			read2					1			1
read2			compare	1						1	
compare	1		write_ max								
compare	0		incre- ment								
write_ max			incre- ment		1	1					
incre- ment			loop				1		1		
end			end								