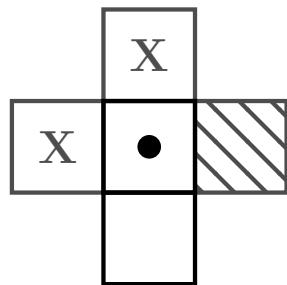


$$\text{mem} = \underline{0}_2 = 0$$

$$\text{timer} = \underline{10}_2 = 2$$

$$\text{state} = \underline{010}_2 = 2$$



Input memory

000	001,S	001, $\emptyset$
001	010,S	010, $\emptyset$
010	011,S	011, $\emptyset$
011	000,S	000, $\emptyset$
100		
101		
110		
111		