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 Code\_1: 14429235152  
 Code\_2: 1414617576

**Mealy output:**  
 FSM\_CNT\_CE  
 FSM\_MX\_MWM  
 FSM\_MX\_LCD

**Moor output:**  
 FSM\_LDC\_WR  
 FSM\_LDC\_CLR

K = pressed key  
 x = keys expect key(15) [#]

