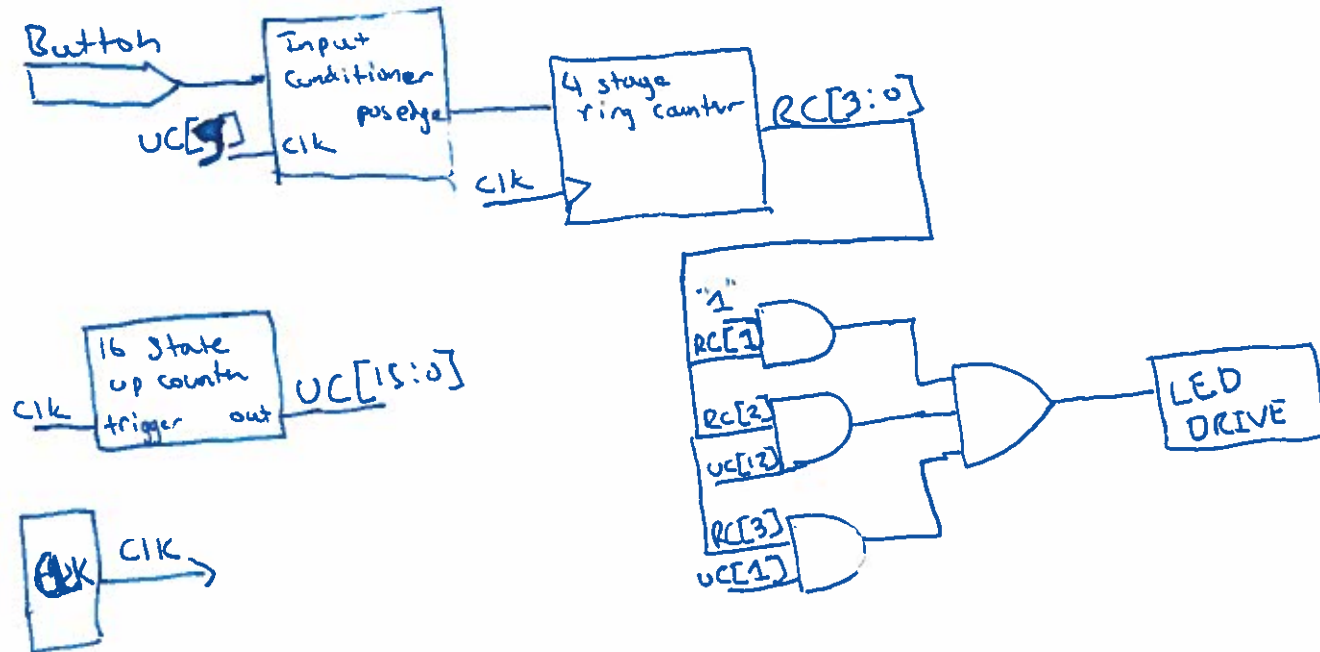


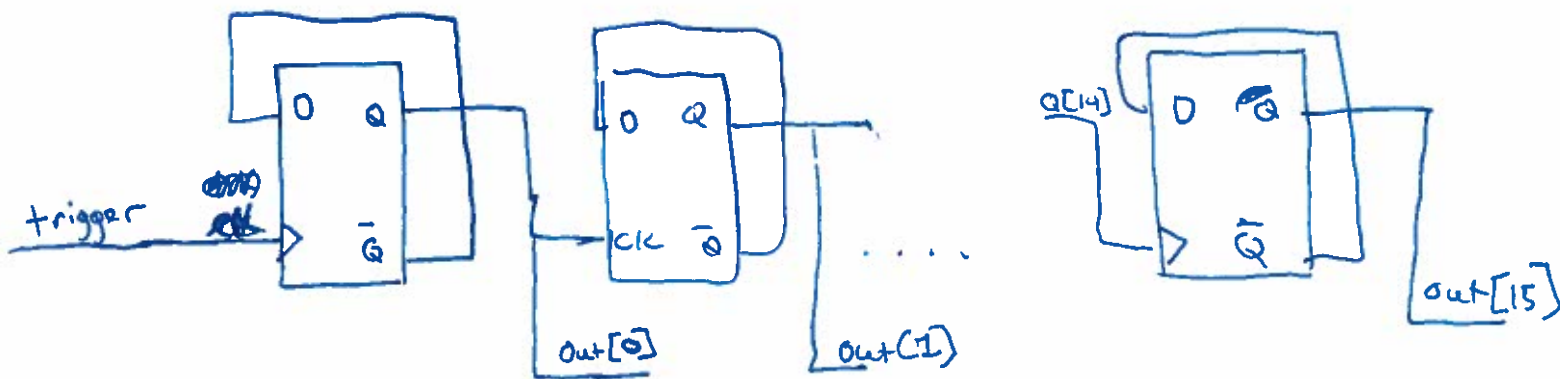
Schematic

$$\begin{aligned} \text{Size: } & 208 + 72 + 2 \\ & + (24-1) + 3 \cdot 3 + (3+1) \\ & + 211 = 378 \end{aligned}$$



16 stage up counter

$$\text{Size: } 13 \cdot 16 = \boxed{208}$$



Input Conditioner

$$\text{Size: } 3 \cdot 13 + 1 \cdot 20 + 2 \cdot 2 + 3 \cdot 3 = \boxed{72}$$

