

Tristate note

Tuesday, March 4, 2025 10:07 PM

$en = 1$ $\bar{en} = 0$

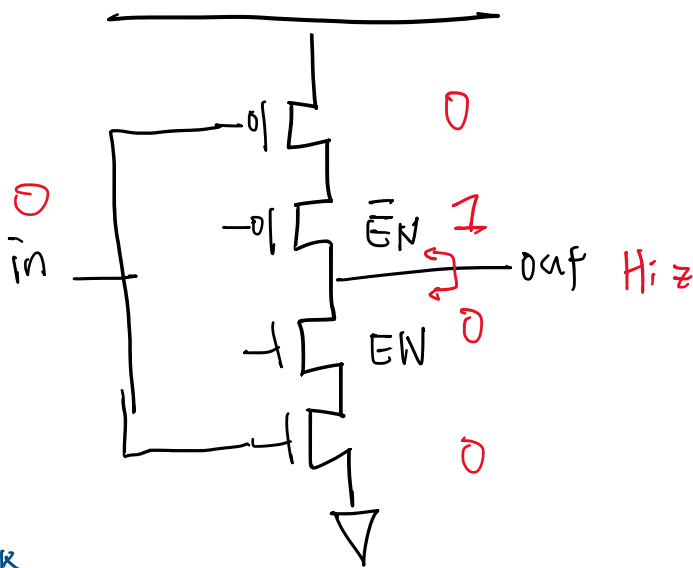
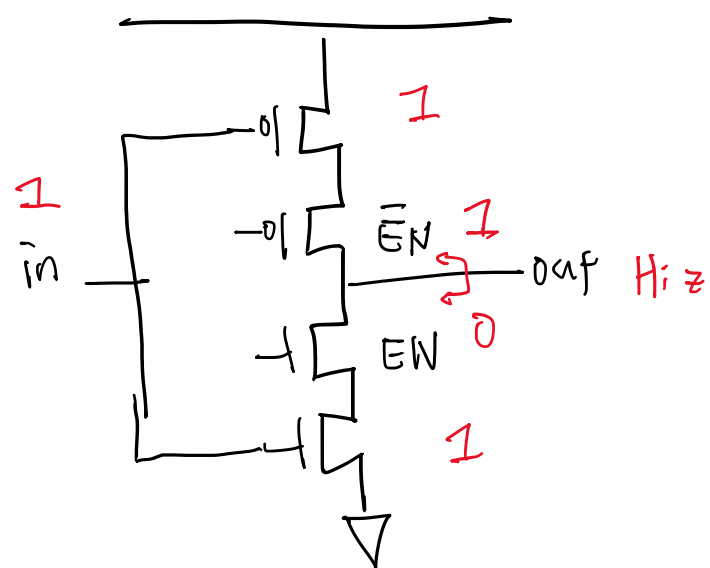
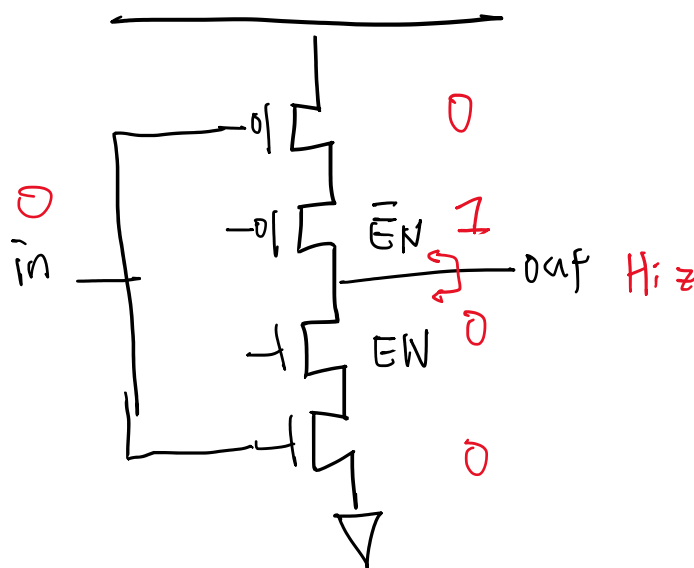
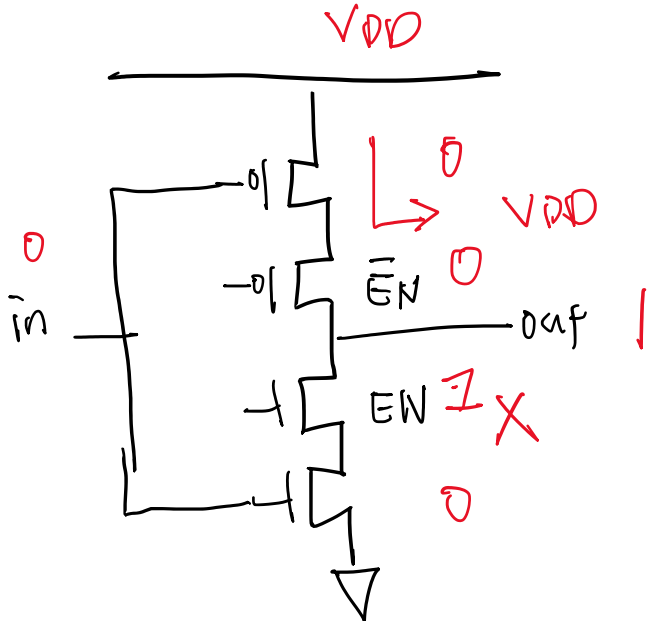
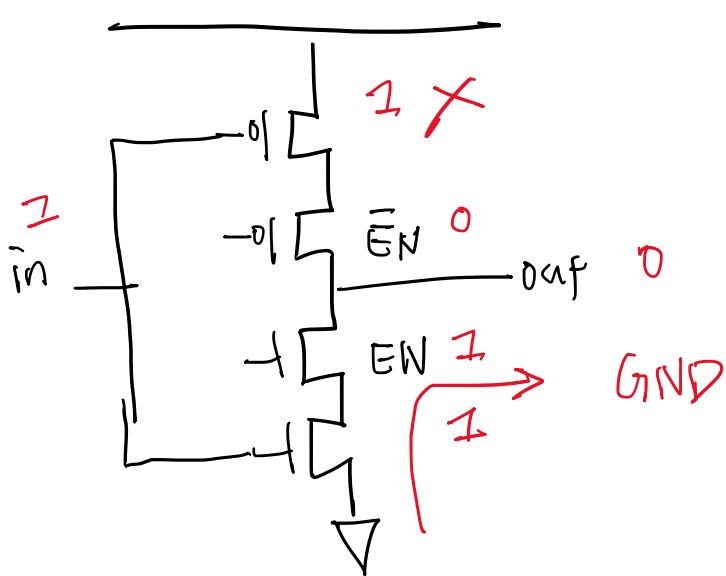
clk ON

$I_n = 1$
 $out = 0$
 $\bar{I}_n = 0$
 $out = 1$

$en = 0$ $\bar{en} = 1$

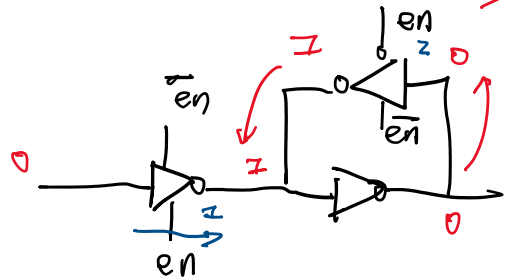
clk off

$\bar{I}_n = 1$
 $out = HiZ$
 $I_n = 0$
 $out = HiZ$



Positive Feedback

→ To enforce 1 otherwise will be HiZ



$en = 0$
 $Tr_1 = off$

1 0 z → opposite clk signals

