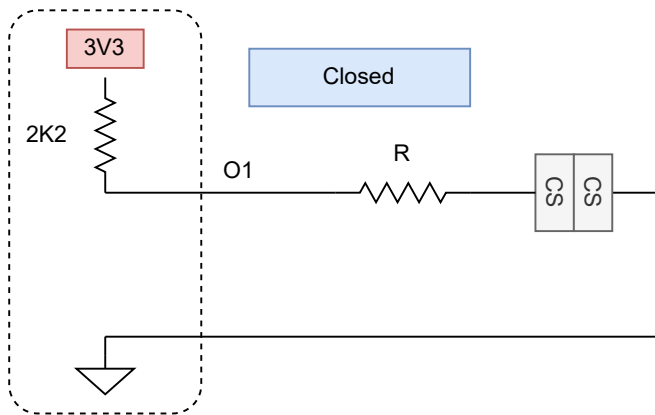
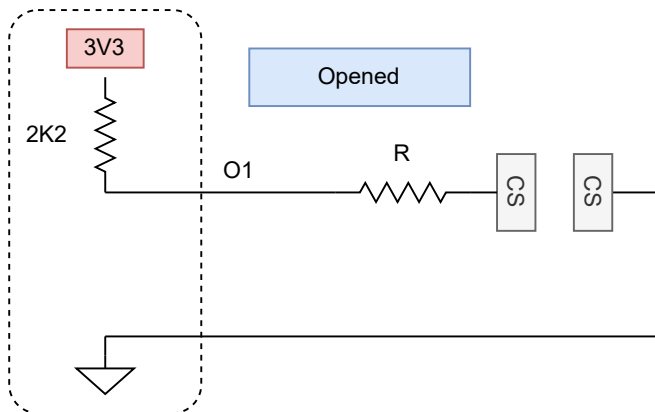


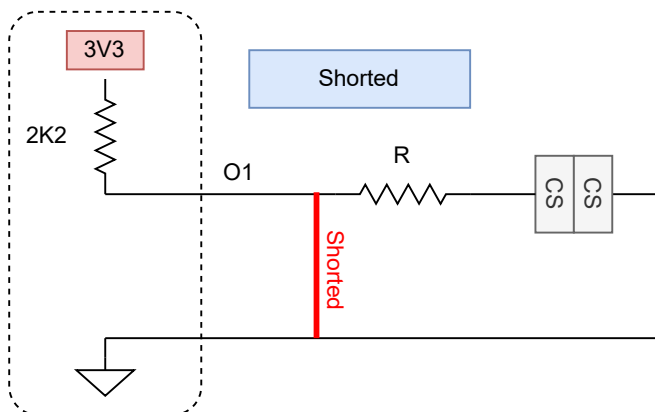
Single Resistor Line Shorted



$$R = R$$
$$Vo1 < 3V3$$

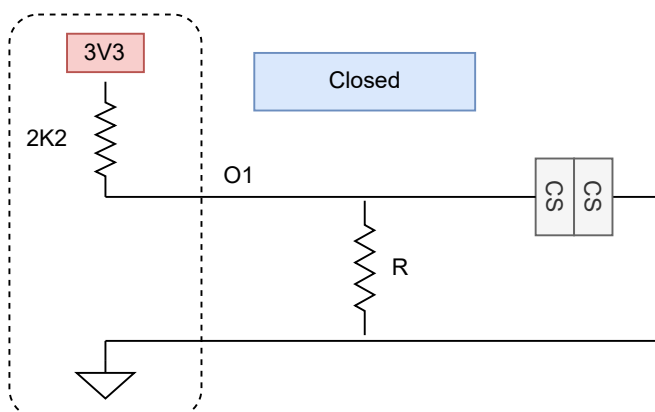


$$R = \text{infinite}$$
$$Vo1 = 3V3$$

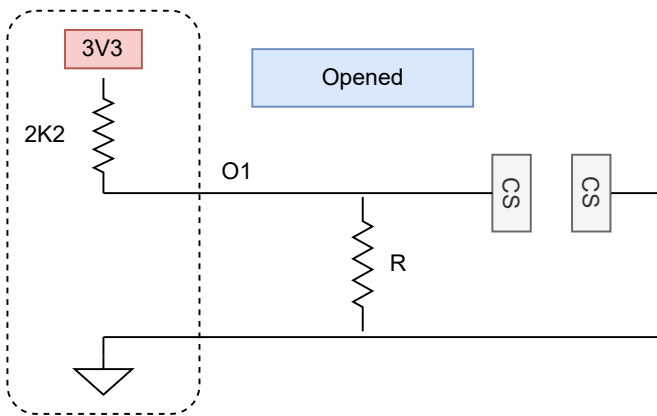


$$R = 0$$
$$Vo1 = 0V$$

Single Resistor Line Cut

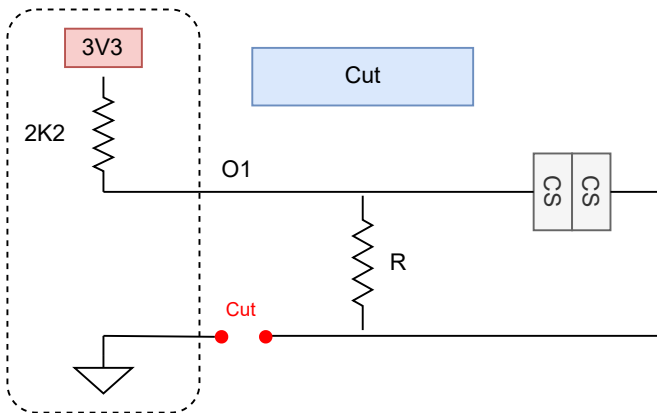


$$R = 0$$
$$Vo1 = 0V$$



$$R = R$$

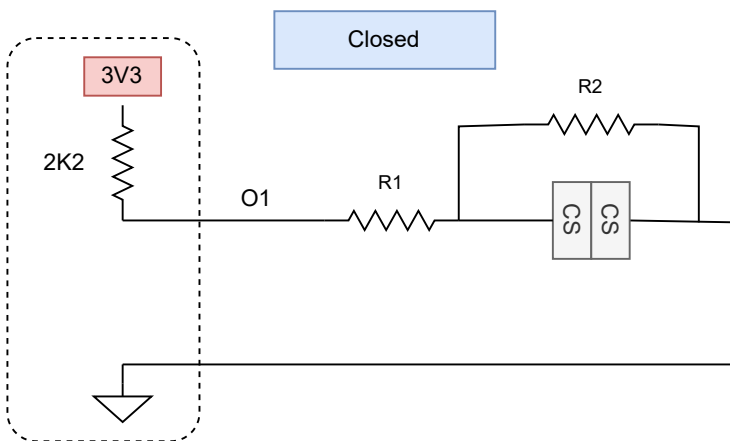
$$V_{o1} < 3V3$$



$$R = \text{infinite}$$

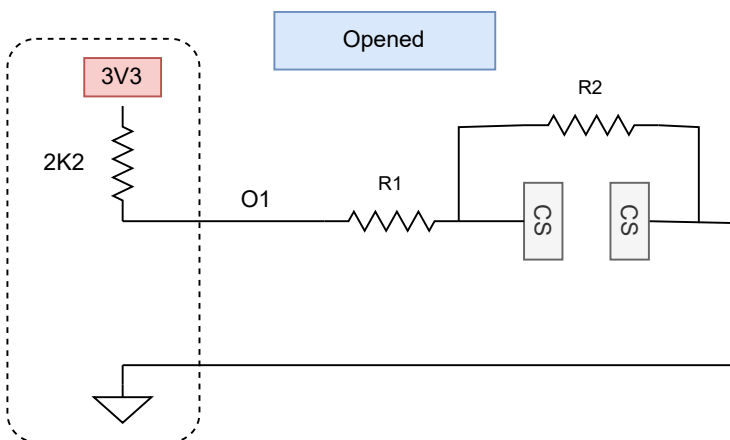
$$V_{o1} = 3V3$$

Double Resistor



$$R = R1$$

$$V_{o1} < 3V3$$



$$R = R1 + R2$$

$$V_{o1} < 3V3$$

Note: The bigger R, the bigger the V_{o1}

