

$$\frac{x_1 x_2 x_3}{0 0 0} = \frac{0}{0} + 3 - input oR gate}{truth table} = \frac{AND}{0} = 3 - input AND gate}{0} = \frac{3 - input AND gate}{$$

Design enample: We have two slider switches that control a light SW. are called A, y, If both SW are Imm (x=0,y=0), then the light (L) is off (L=0). If one SW is up, Lisen, but if both SW are up.

