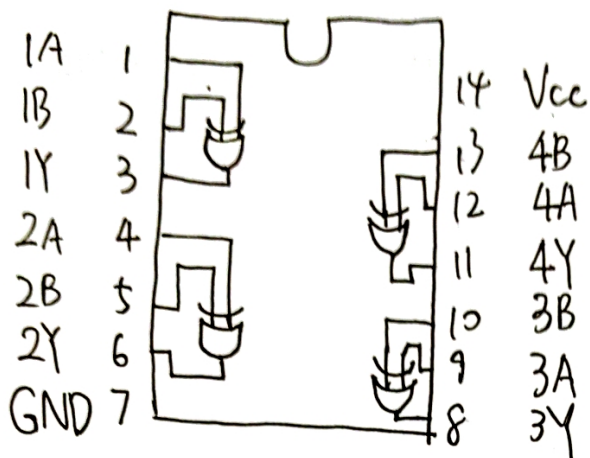


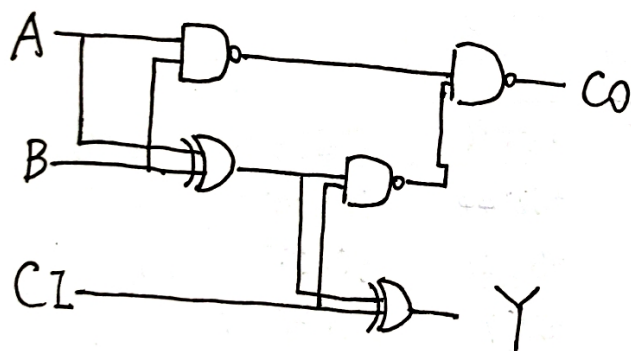
夏弘宇

1. 74HC86



2. d) $S = A \oplus B \oplus C_I$

$$C_O = [(AB)'(C_I(A \oplus B))']'$$



频率端 3.3×10^7 Hz

理由: 预习计算得 $t_{pd} = 3\text{ns}$, 则 $f \leq \frac{1}{t_{pd}} \approx 3.3 \times 10^7$ Hz.

(2) B×10档

理由: x1档本身就有较大电容, 作为滤波电容
使得竞争冒险现象消失或不明显