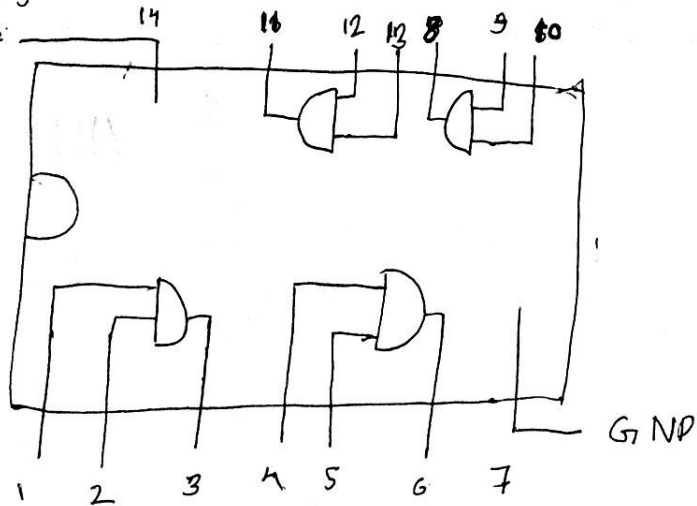
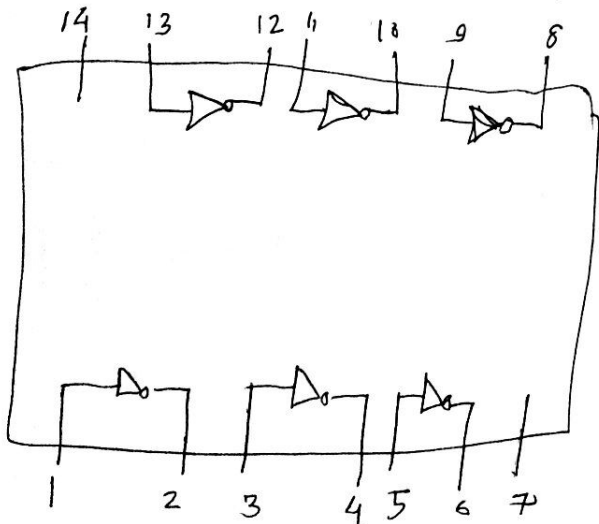


Data Handbook - BPB Publication

$V_{cc} = 5V$   
Pwr

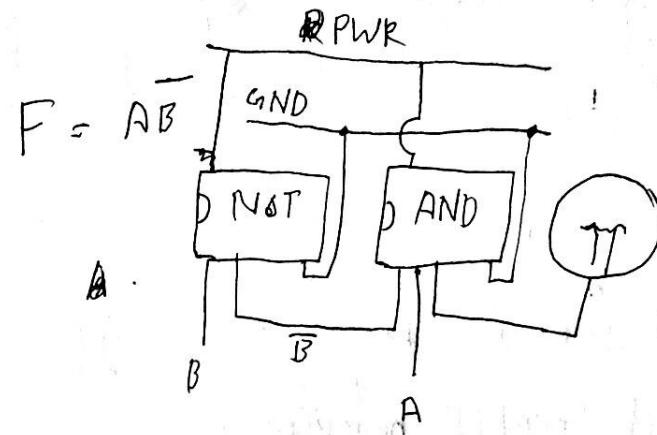


IC - 7408 (And Gate)



IC - 7404  
(Not Gate)

IC - 7432 (OR Gate)



Assignment :

- ①  $\bar{A} + BC$
- ②  $A + A\bar{B} + AB\bar{C}$
- ③  $AB + \bar{BC}$

Report content:

1. Name of experiment
2. Roll, Date, Group No.
3. Objective
4. Instrument
5. Circuit Diagram
6. Truth Table
7. Function Simplification

$$\textcircled{1} \quad N \div 3 = 0 ?$$

↓

4bit

$$F = B_3' B_2' B_1' B_0' + \dots$$

$$\textcircled{2} \quad \text{Square circuit } f(x) = x^2$$