# USEFUL ICs

| IC NUMBER | Description of IC |
|---|---|
| 7400 | Quad 2 input NAND GATE |
| 7401 | Quad 2input NAND Gate (open collector) |
| 7402 | Quad 2 input NOR Gate |
| 7403 | Quad 2 input NOR Gates (open collector) |
| 7404 | Hex Inverts |
| 7408 | Quad 2 input AND Gate |
| 7421 | Dual 4 input AND Gate |
| 7430 | 8 input NAND Gate |
| 7432 | Quad 2 input OR Gate |
| 7486 | Quad 2 input EX-OR Gate |
| 74107 | Dual J-K Flip Flop |
| 74109 | Dual J-K Flip Flop with Set and Reset |
| 74173 | Quad D Flip Flop |
| 74174 | Hex D Flip Flop |
| 7473 | Dual Master-Slave J-K Flip Flop |
| 7474 | Dual D Flip Flop |
| 7475 | Quad Bi-stable latch |
| 7476 | Dual J-K Flip Flop with Preset and Clear |

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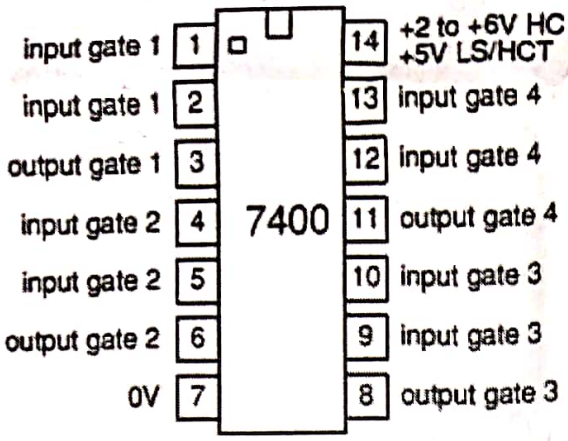
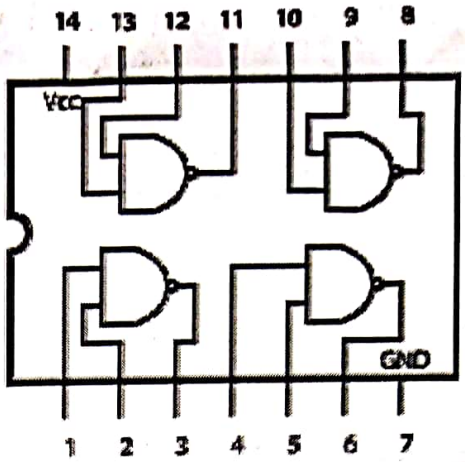
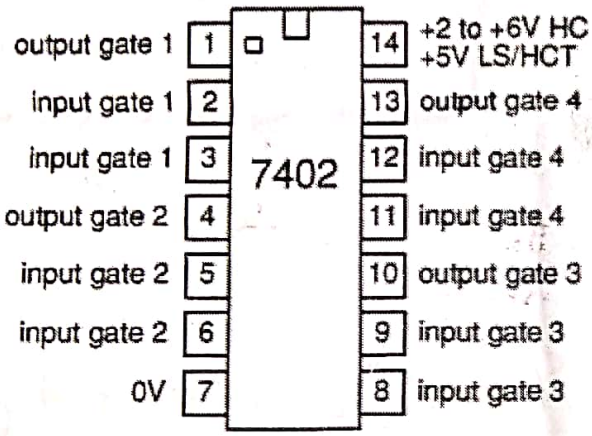
# Useful IC Pin detail

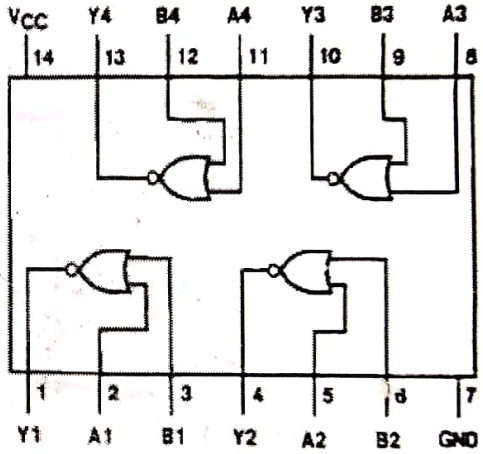
## 7400(Quad 2 Input NAND)



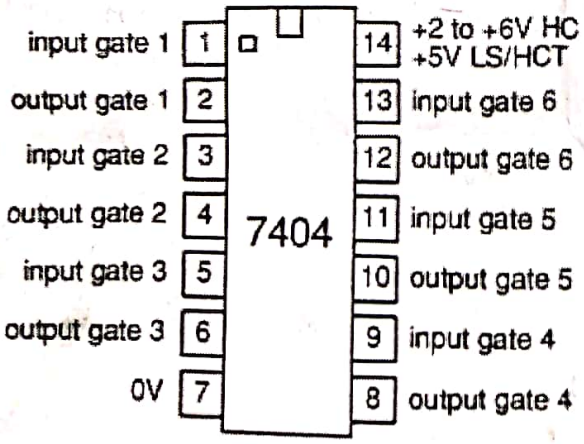



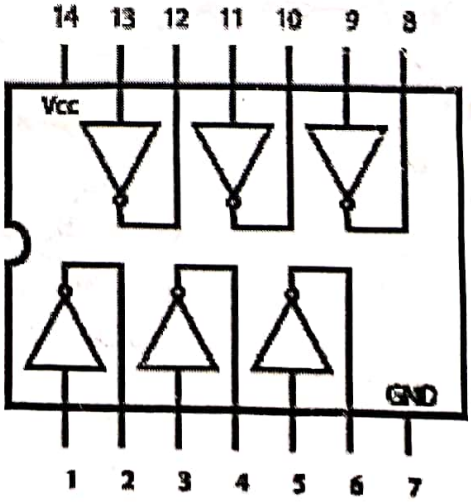

## 7402(Quad 2 Input NOR)




## 7404 Hex Inverter (NOT)

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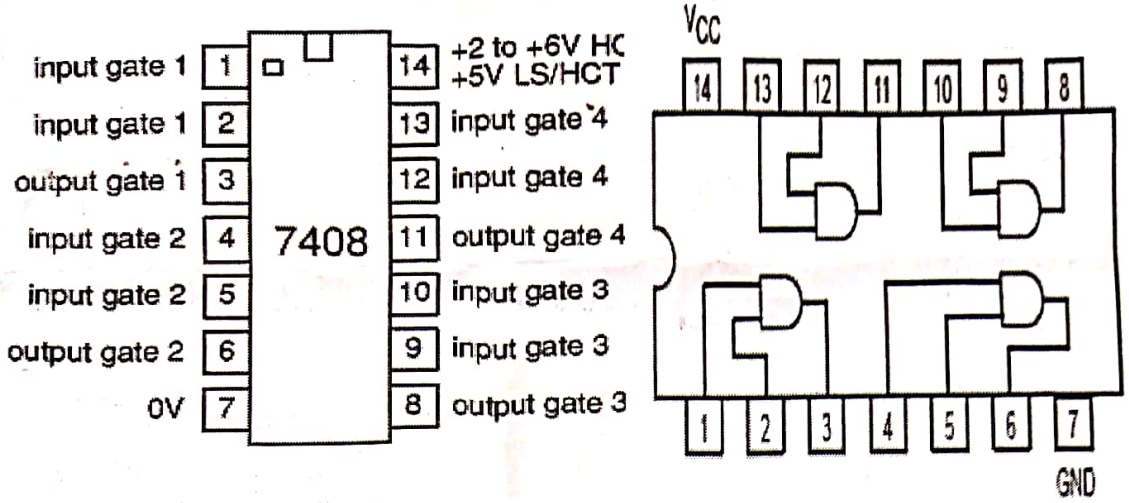
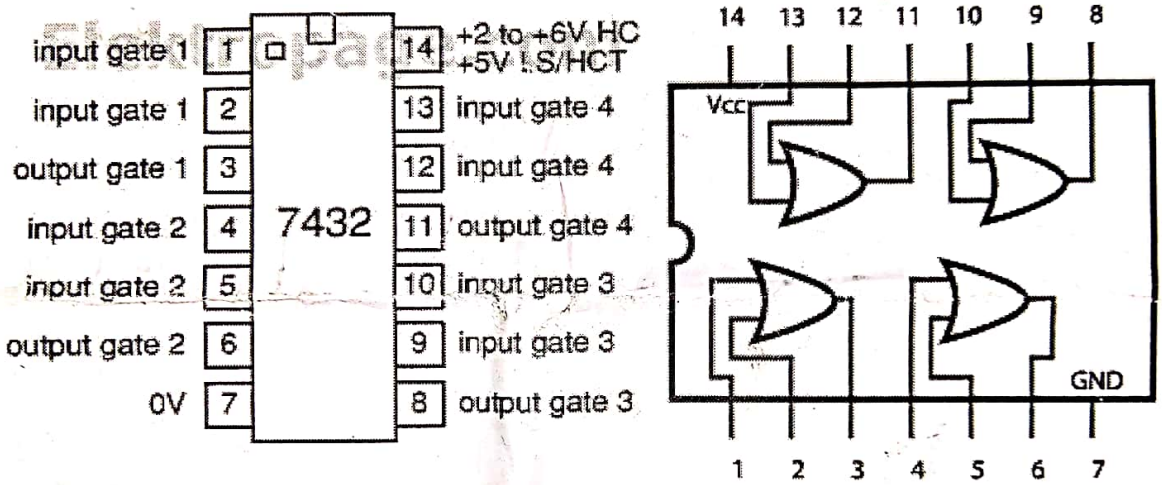
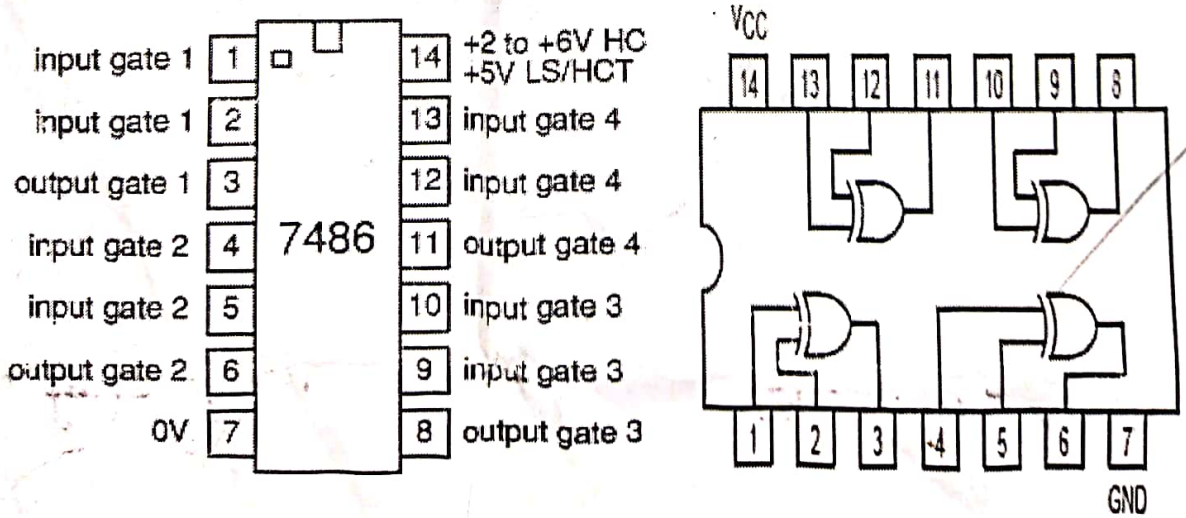
## 7408(Quad 2 Input AND)




## 7432 (Quad 2 Input OR)




## 7486(Quad 2 Input EX-OR)

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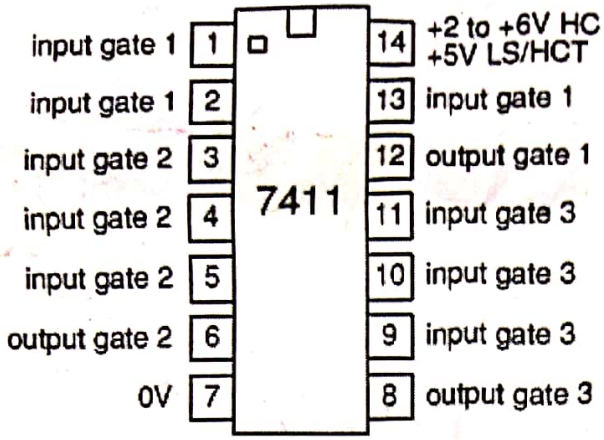
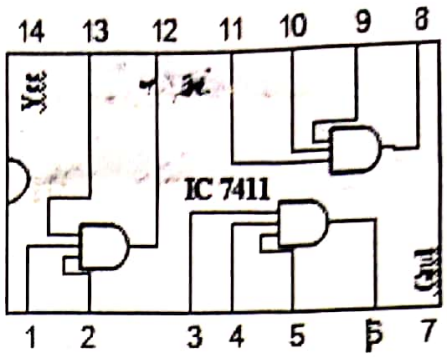
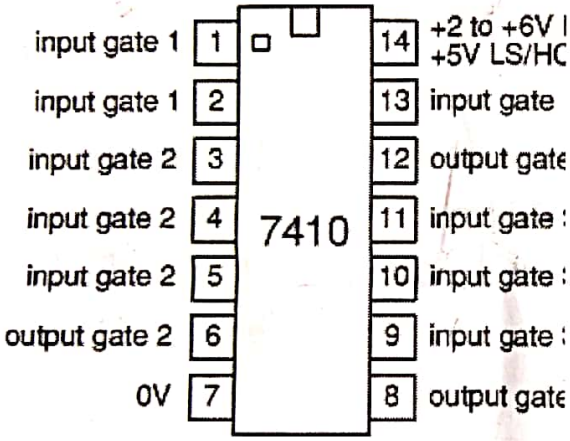
## 7411(3-i/p AND)

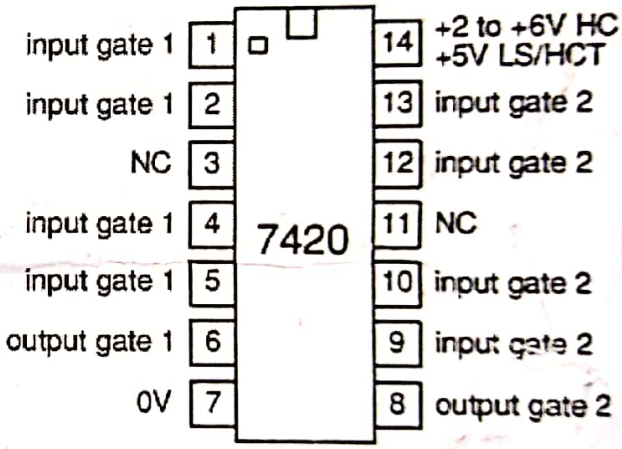


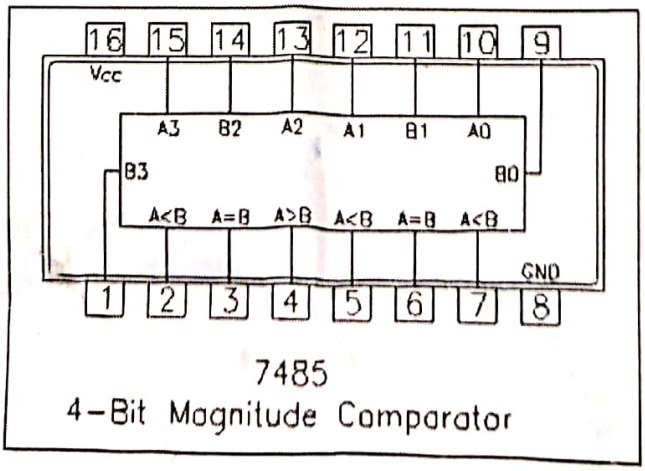

## 7410(3-i/p NAND)




## 7420(4-i/p NAND)




## 7485 (4-Bit Magnitude Comparator)

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