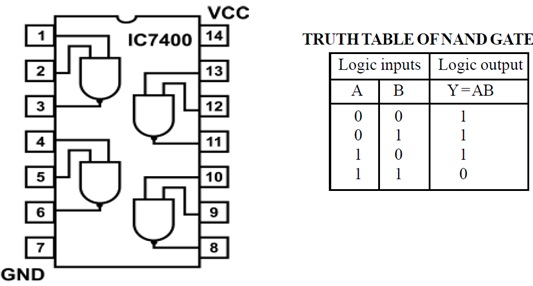
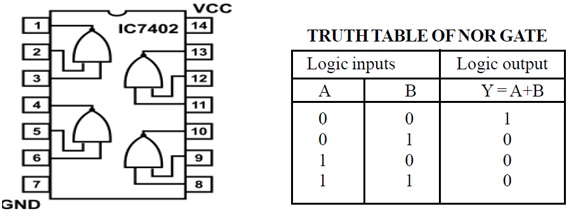
IC DATA SHEET :-

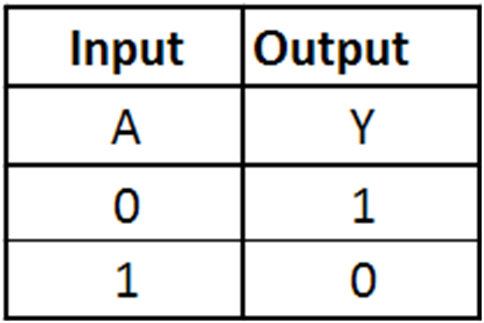
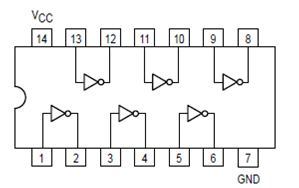
1. IC 7400



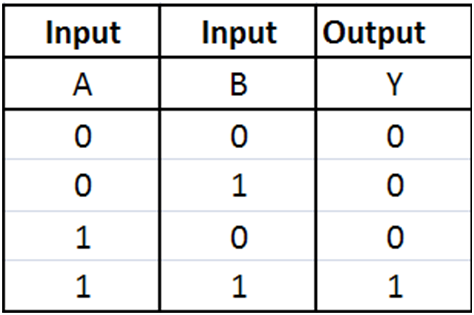
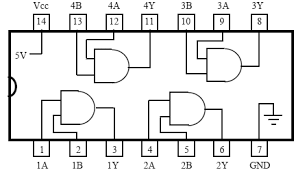
1. IC 7402



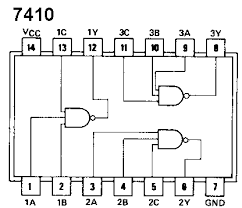
1. IC 7404



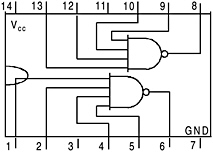
1. IC 7408



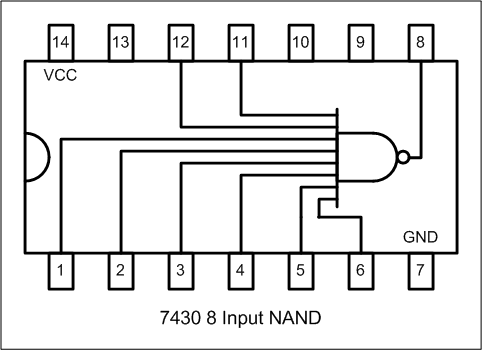
1. IC 7410



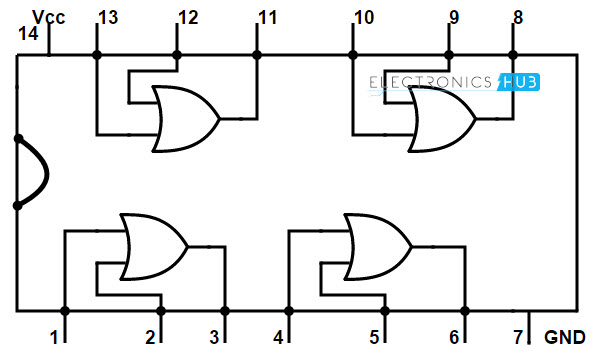
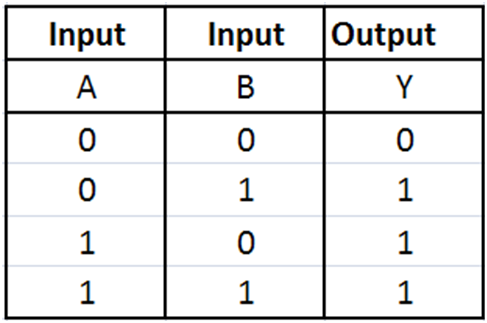
1. IC 7420



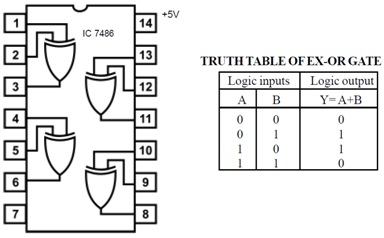
1. IC 7430



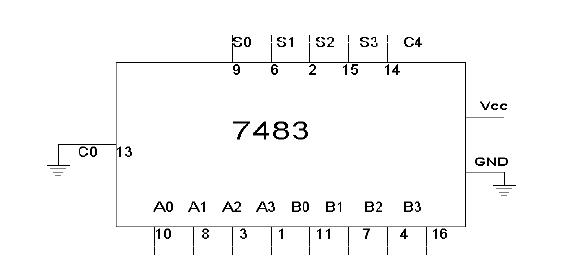
1. IC 7432

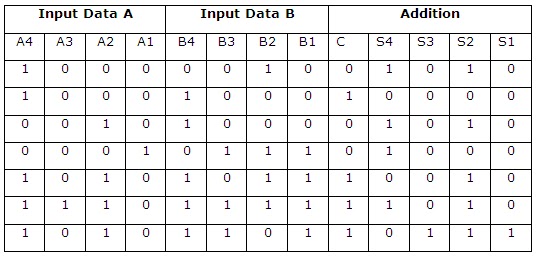
 

1. IC 7486

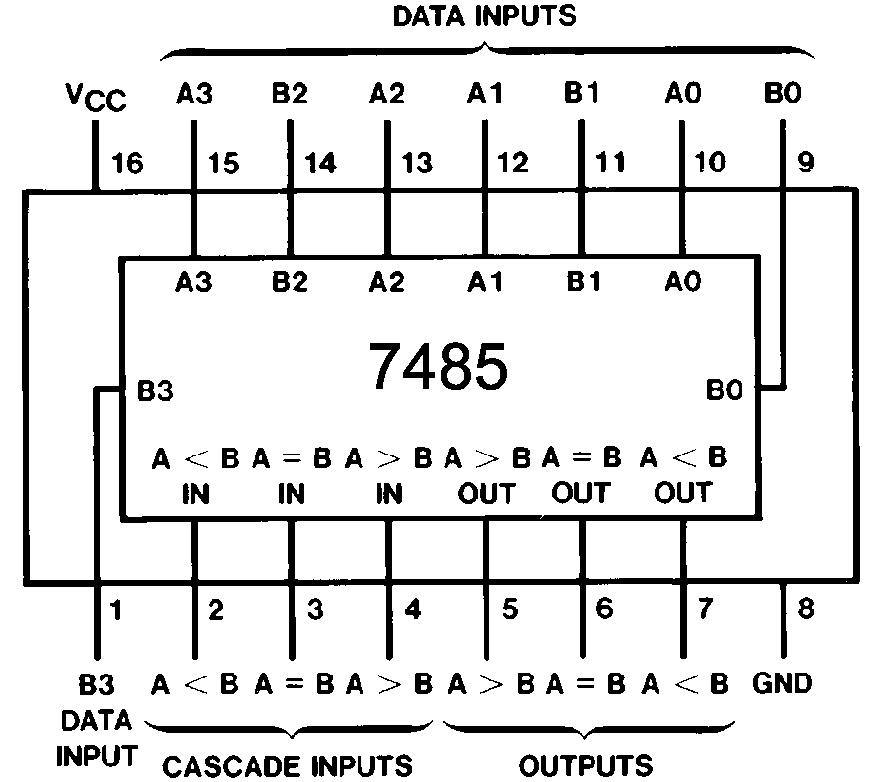


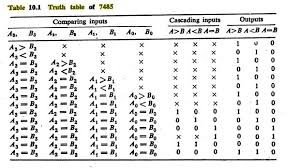
1. IC 7483 (parallel adder and subtractor )





1. IC 7485 (compartor )





12. IC 74153 ( MUX)



**TRUTH TABLE**

**S1 S0 E I0 I1 I2 I3 Y**

X X 1 X X X X 0

0 0 0 0 X X X 0

0 0 0 1 X X X 1

0 1 0 X 0 X X 0

0 1 0 X 1 X X 1

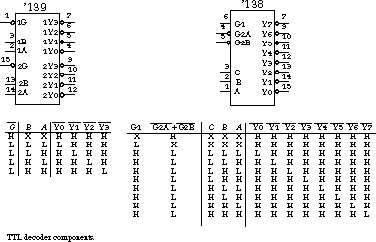
1 0 0 X X 0 X 0

1 0 0 X X 1 X 1

1 1 0 X X X 0 0

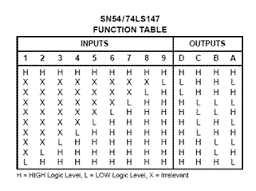
1 1 0 X X X 1 1

13. IC 74139 (dual 2: 4 Demux)



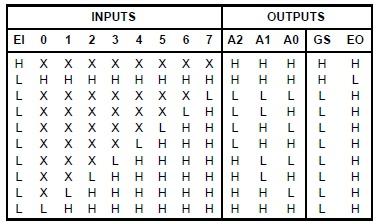
14. IC 74147 ( decimal to BCD )





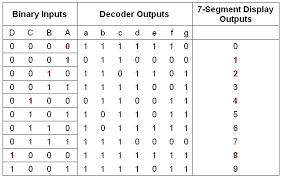
15. IC 74148



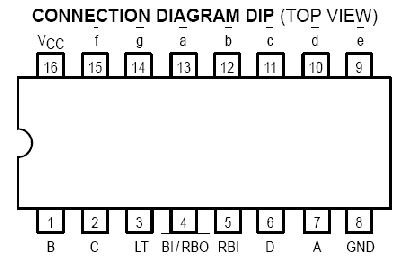


16. IC 7447 (LED)





17. IC 7448 (LED)

 truth table is same as above

18. IC 7476 (JK Flip flop)

