

IC Package Connections

Last updated 1/29/25



IC Package Connections

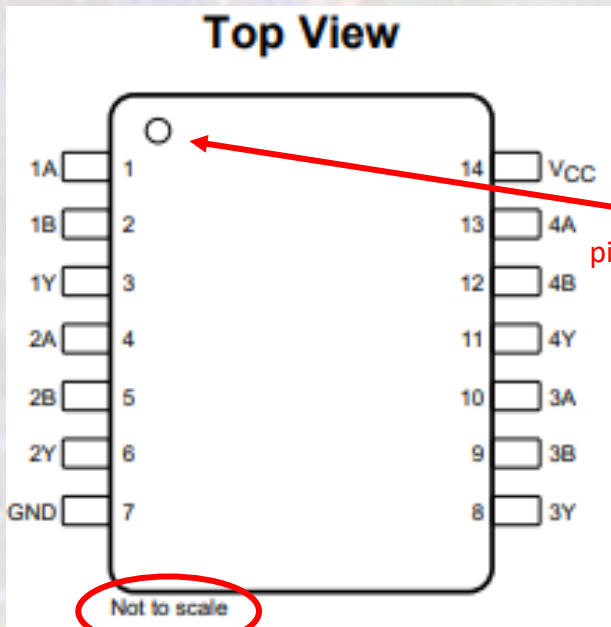
- Integrated Circuit – Part identification
 - Printed on the top will be 1, 2, 3,.. lines of text
 - One of these lines will include the Part Number



IC Package Connections

- Most Integrated Circuit Dual Inline Packages (IC DIP)

Datasheet drawing
Datasheet drawing

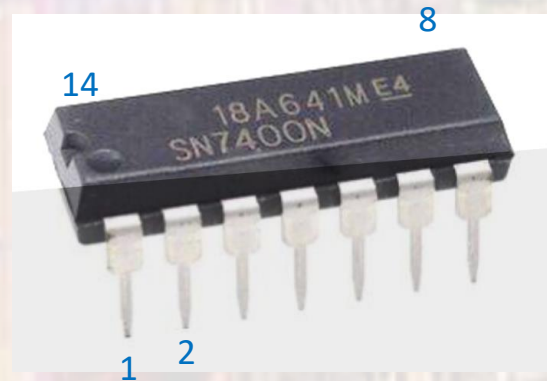
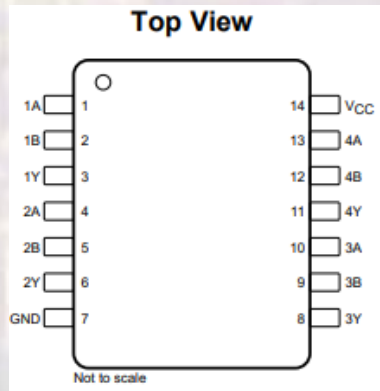


Actual part



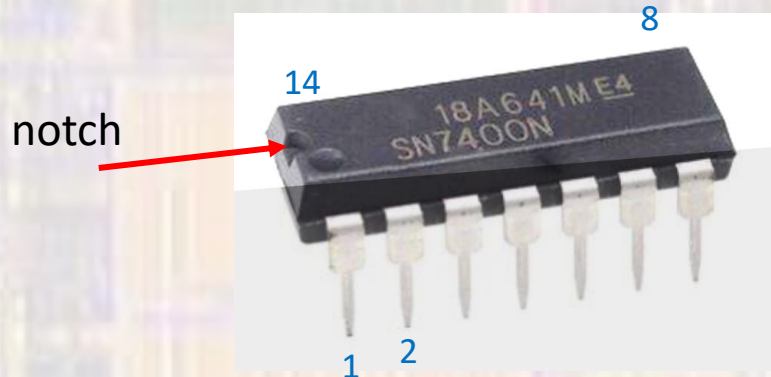
IC Package Connections

- IC pin numbers wrap around the IC in a counterclockwise direction



IC Package Connections

- Refer to the spec – **but if no pin 1 dot**
 - There will be a Notch on the pin 1 end of the IC
 - Pin 1 will be to the left of the notch – looking from the top



- There may be a chamfered edge in the pin 1 corner of the IC – common for 4 sided packages



IC Package Connections

- Refer to the spec – **but if no pin 1 dot**
 - If all else fails – use the text for orientation
 - Pin 1 will be in the lower left corner – looking from the top

