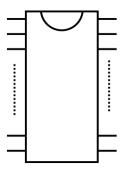
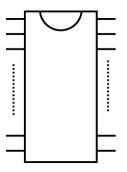
## Electronics Pinouts

Terry Sturtevant

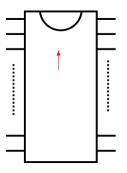
Wilfrid Laurier University

April 8, 2011

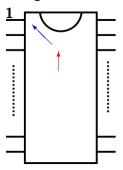




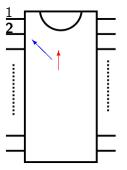
The notch at the top indicates the location of pin 1.



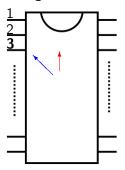
The notch at the top indicates the location of pin 1.



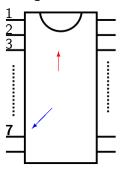
The notch at the top indicates the location of pin 1.



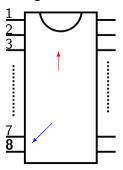
The notch at the top indicates the location of pin 1.



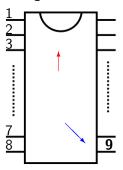
The notch at the top indicates the location of pin 1.



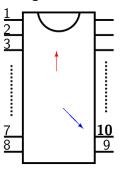
The notch at the top indicates the location of pin 1.



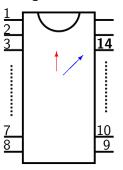
The notch at the top indicates the location of pin 1.



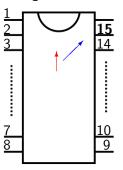
The notch at the top indicates the location of pin 1.



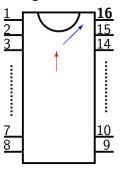
The notch at the top indicates the location of pin 1.



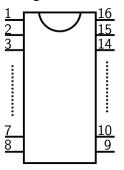
The notch at the top indicates the location of pin 1.



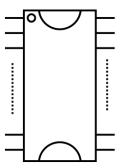
The notch at the top indicates the location of pin 1.

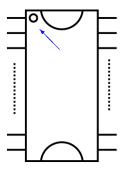


The notch at the top indicates the location of pin 1.

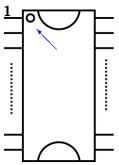


The notch at the top indicates the location of pin 1. The pins numbers go around the chip **counterclockwise**. (The number of pins can vary, but the order is the same.)

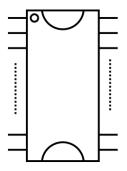


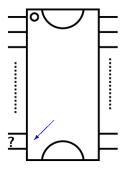


In this case, there's a dimple in the corner as well which indicates the location of pin 1.

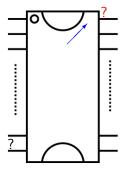


In this case, there's a dimple in the corner as well which indicates the location of pin 1.





GROUND is usually on the lower left.



GROUND is usually on the lower left.

 $V_{CC}$  is usually on the upper right.

Here's how it goes on a breadboard.

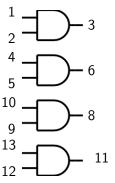
Here's how it goes on a breadboard.

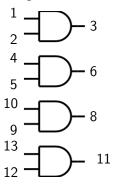


Here's how it goes on a breadboard.

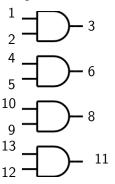


Note the chip should have one row of pins on each side of the central trough of the breadboard.





In this case, the pin numbers are shown.



In this case, the pin numbers are shown.

Note GROUND and  $V_{CC}$  aren't shown. You'll have to look through the data sheet to find out which pins they are.