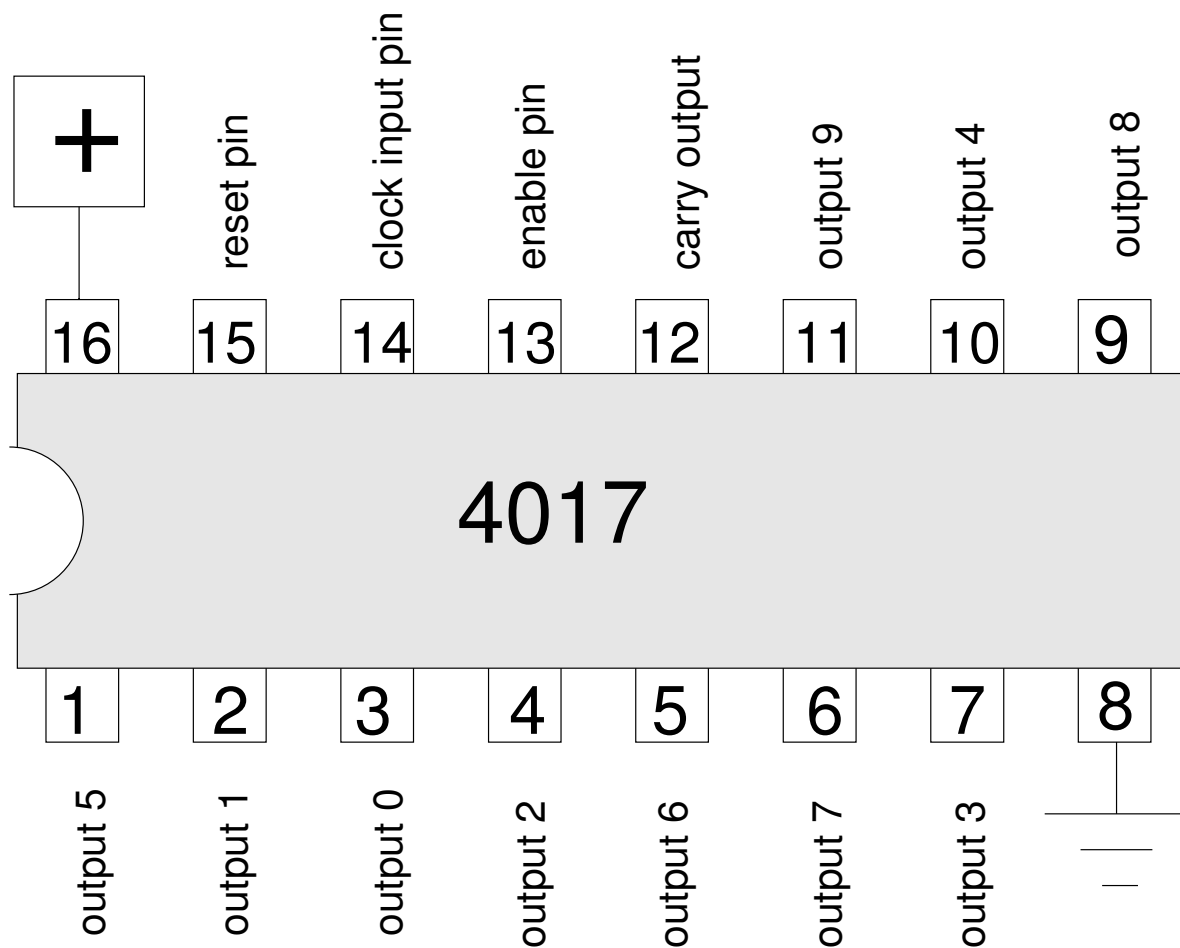


# 4017 walking pin counter



This chip counts to 10. It starts at 0 and ends at 9. It will make each output high in sequence, one at a time. To do this you need to feed a clock pulse (such as from pin 3 of a 555) into pin 14, and you have to tie pins 15 and 13 to ground.

You can also count to any number between from 0 to 9. Any count can recycle over and over forever, or count to the number and stop. Also, if you use the carry output (pin 12) you can hook it up to another 4017 chip's clock input (pin 14). The second chip will then be counting to 100. You can keep connecting more 4017's in this way to count to 1000, 10000 etc. for very long counts. This is called cascading.