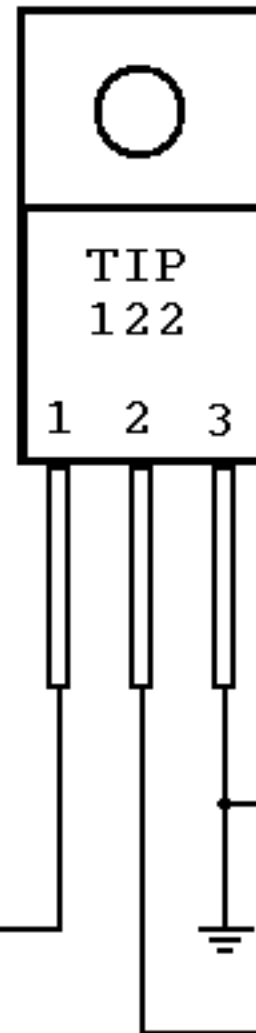


# USING THE 555 TO TURN ON A MOTOR

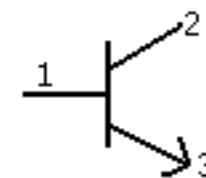
## NOTES:

1. The 555, TIP122, and the Motor Power Supply need to share a common ground.
2. If the chip is acting wierd, put a 0.1uF capacitor accross the power supply to the circuit. This "despiking cap" will absorb the glitches caused by the motor that throw off the chip's timing.
3. The Motor Power Supply can be any DC source: battery, adapter etc.
4. The TIP122 can handle up to about 1.5-2amps at 40volts, if it gets to hot, use a heatsink.

from  
pin 3 of  
555



## TIP122 pinouts & schematic:



1. base
2. collector
3. emitter

MOTOR  
POWER  
SUPPLY



MOTOR