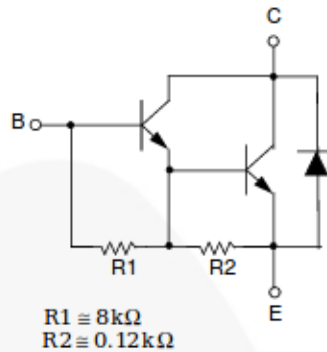
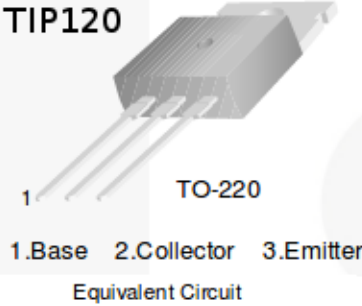


## TIP120



Tube 1 acts as a double throw switch

Tube 2 acts as a single throw switch

The objective is to replace these tubes with relays we can control via software, this will allow us to simulate what the tubes do, but we will have full control over when they switch on/off

The 0.1uf cap and the 10 Ohm resistor create a snubber circuit to protect the relay contacts from arcing allowing them to last more than a couple years

