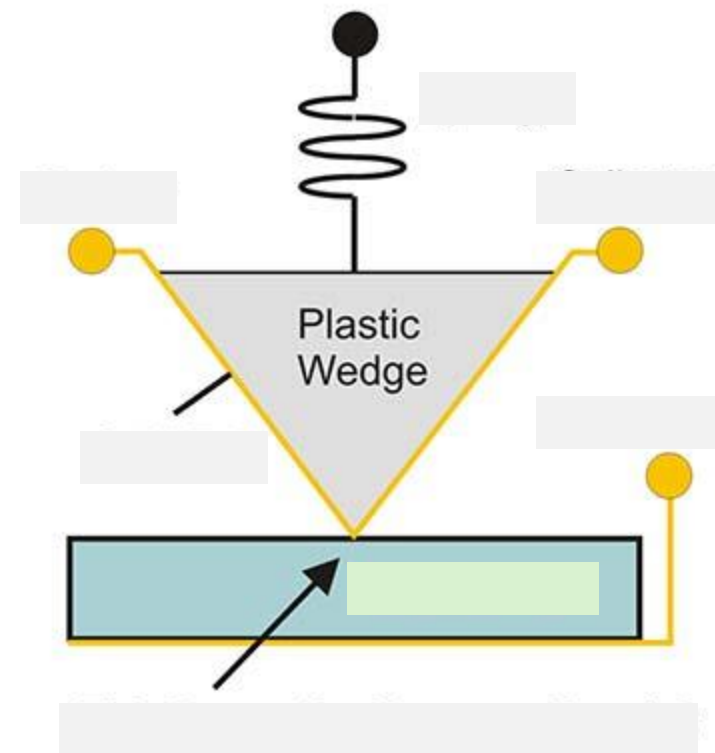
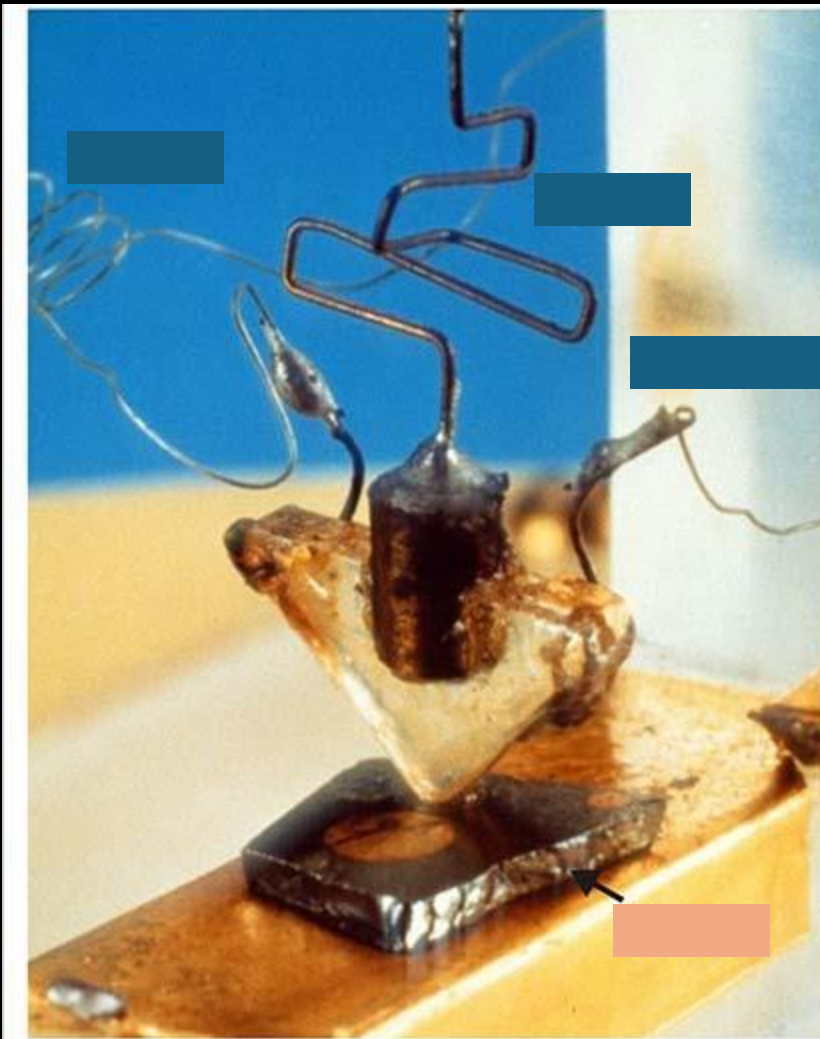
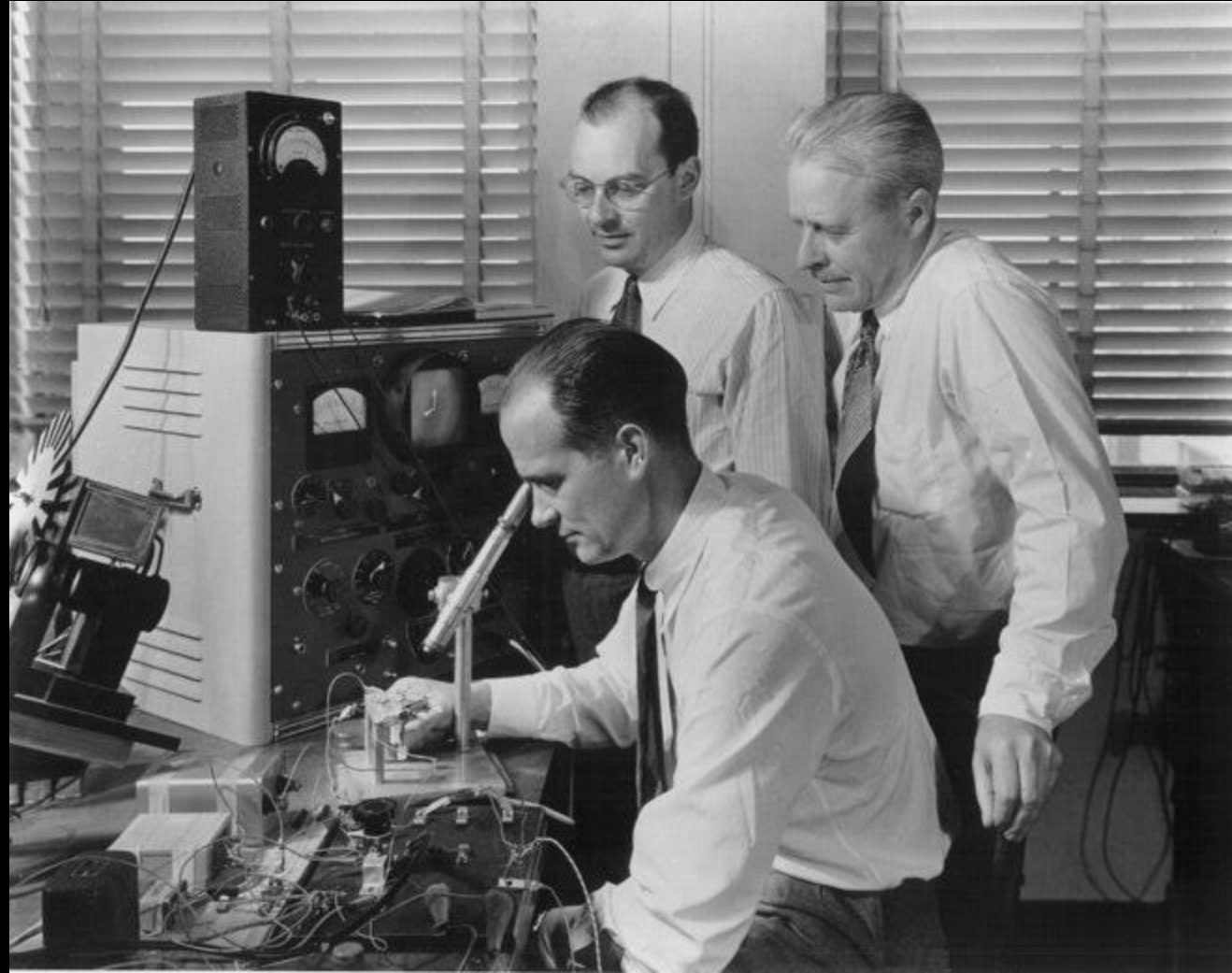


# Transistorar

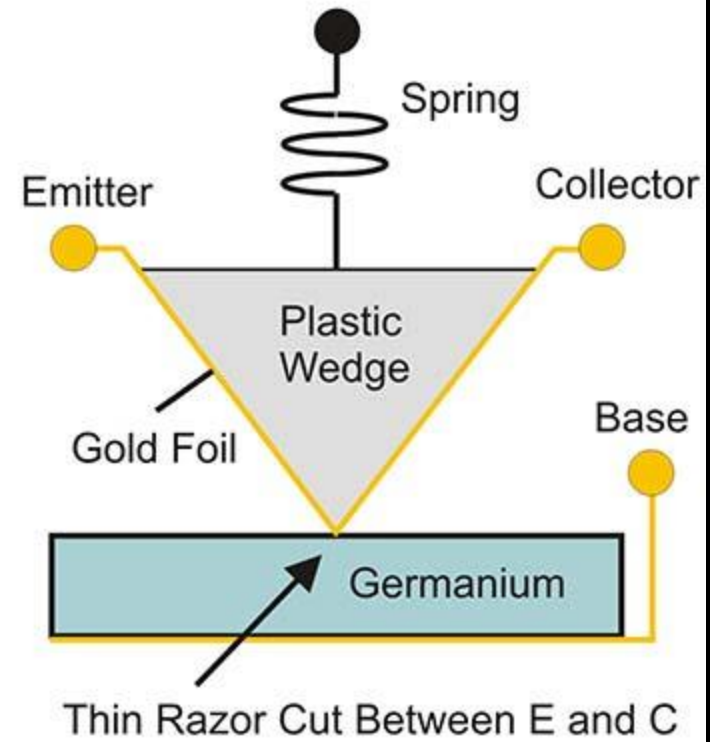
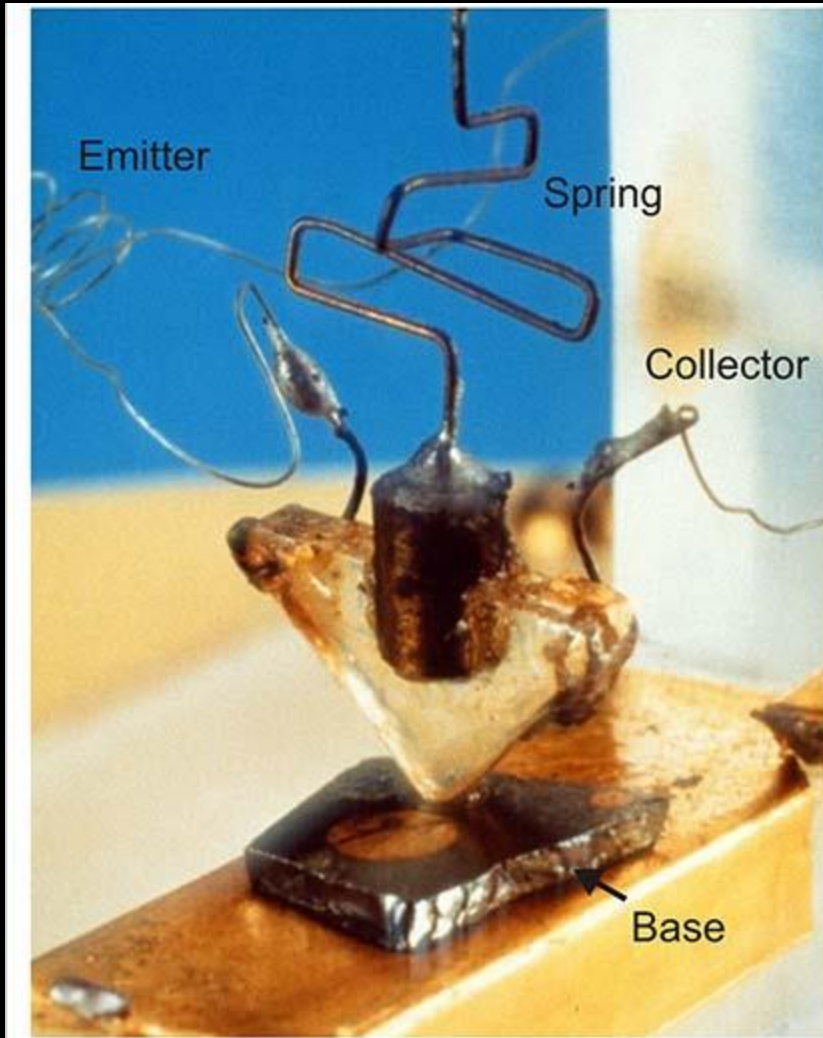
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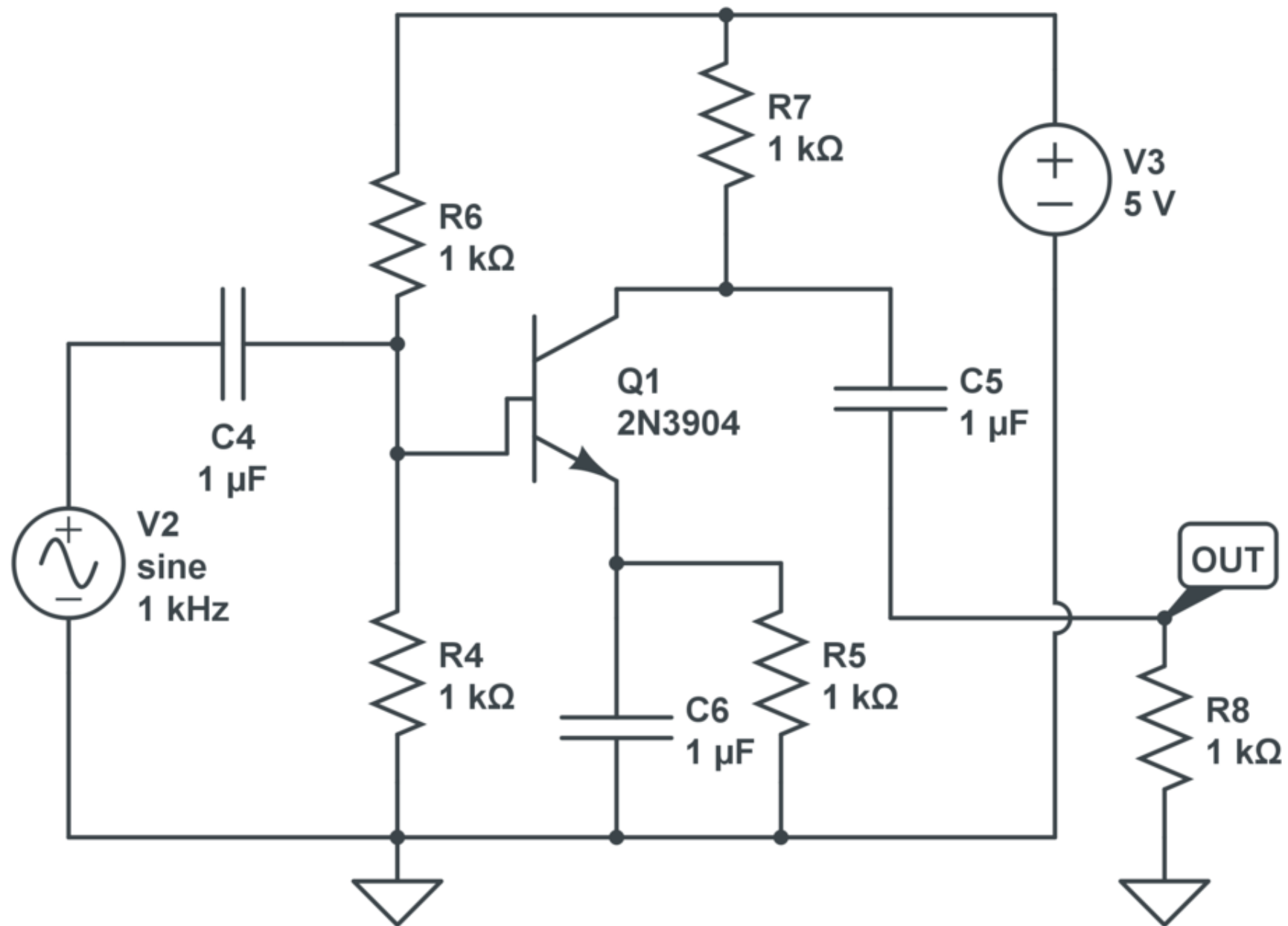






1947: John Bardeen and Walter Brattain, with support from colleague William Shockley, demonstrate the transistor at Bell Laboratories

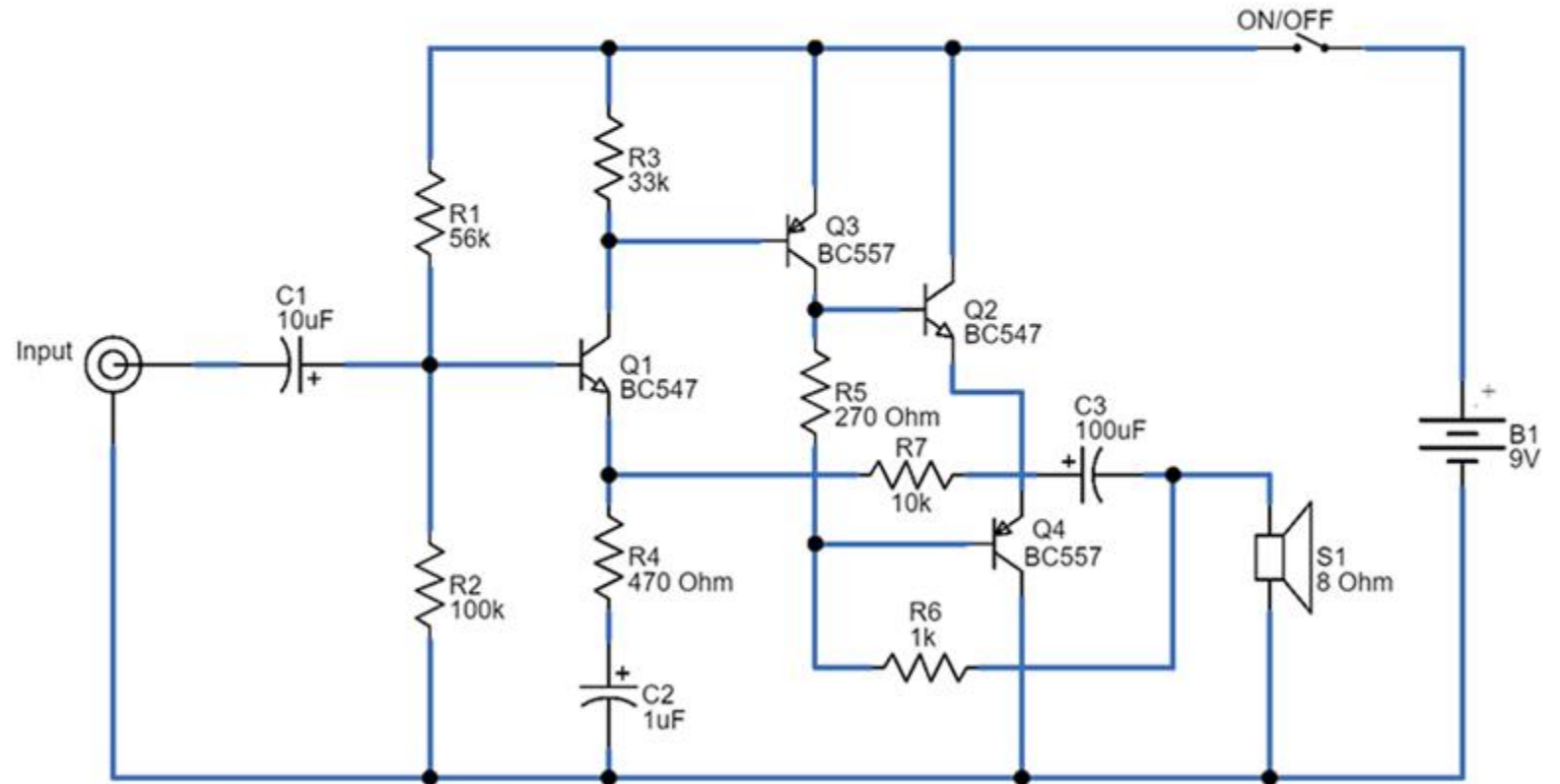


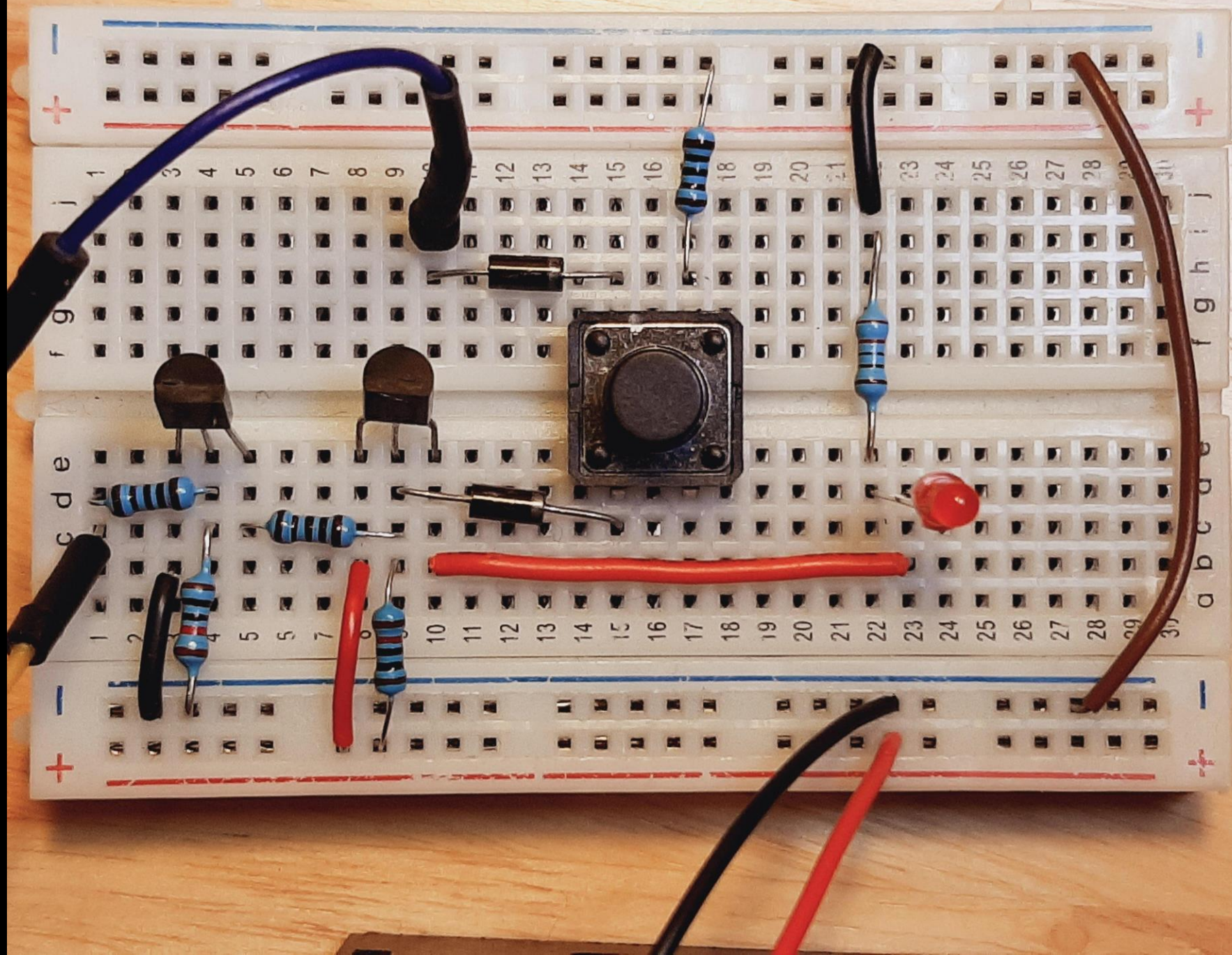




# Audio Amplifier Circuit

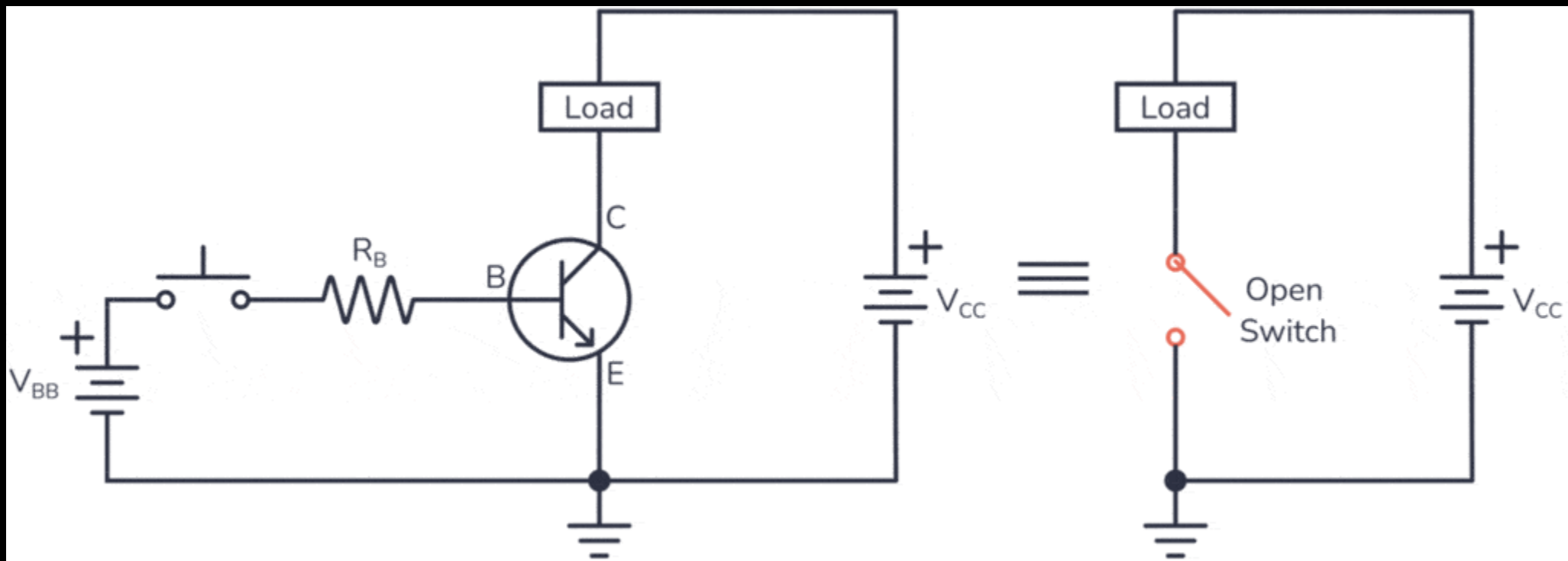
## 4 Transistor

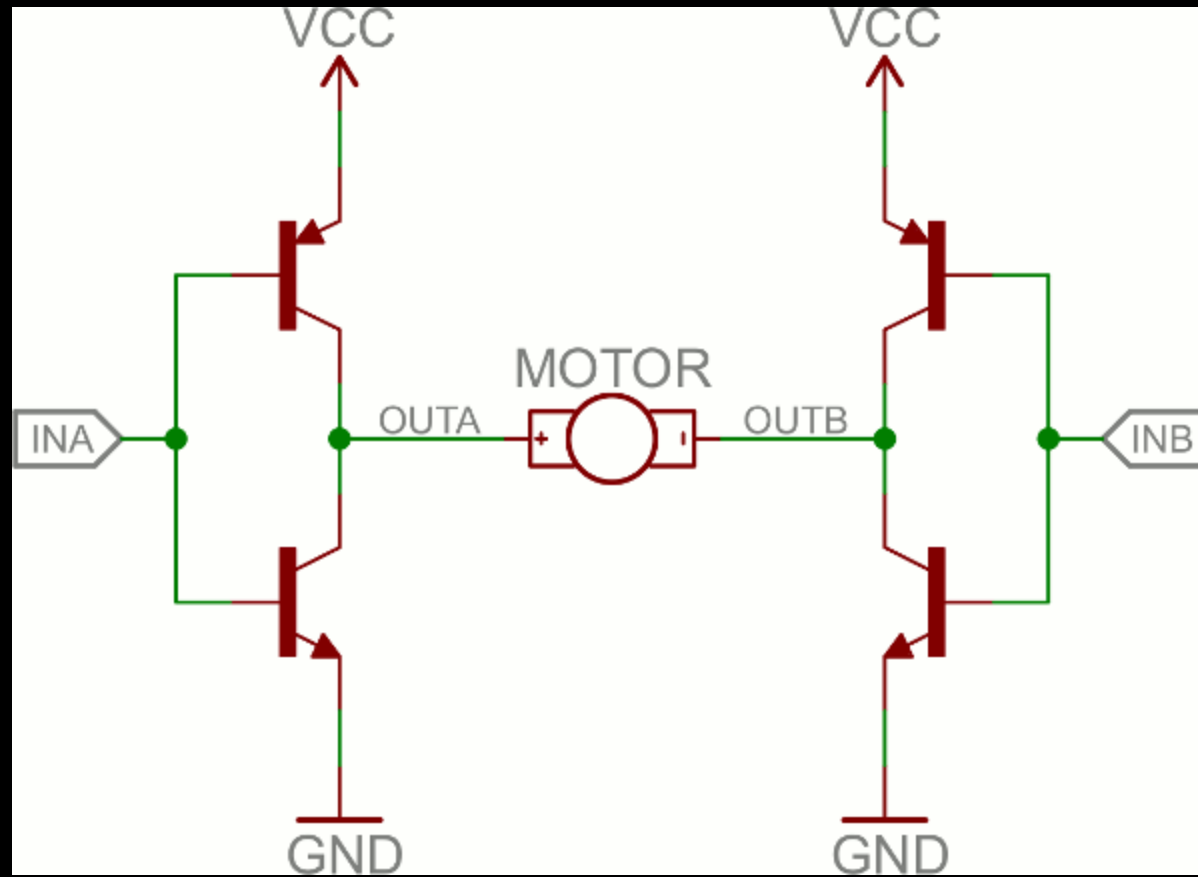






**B.J.R**





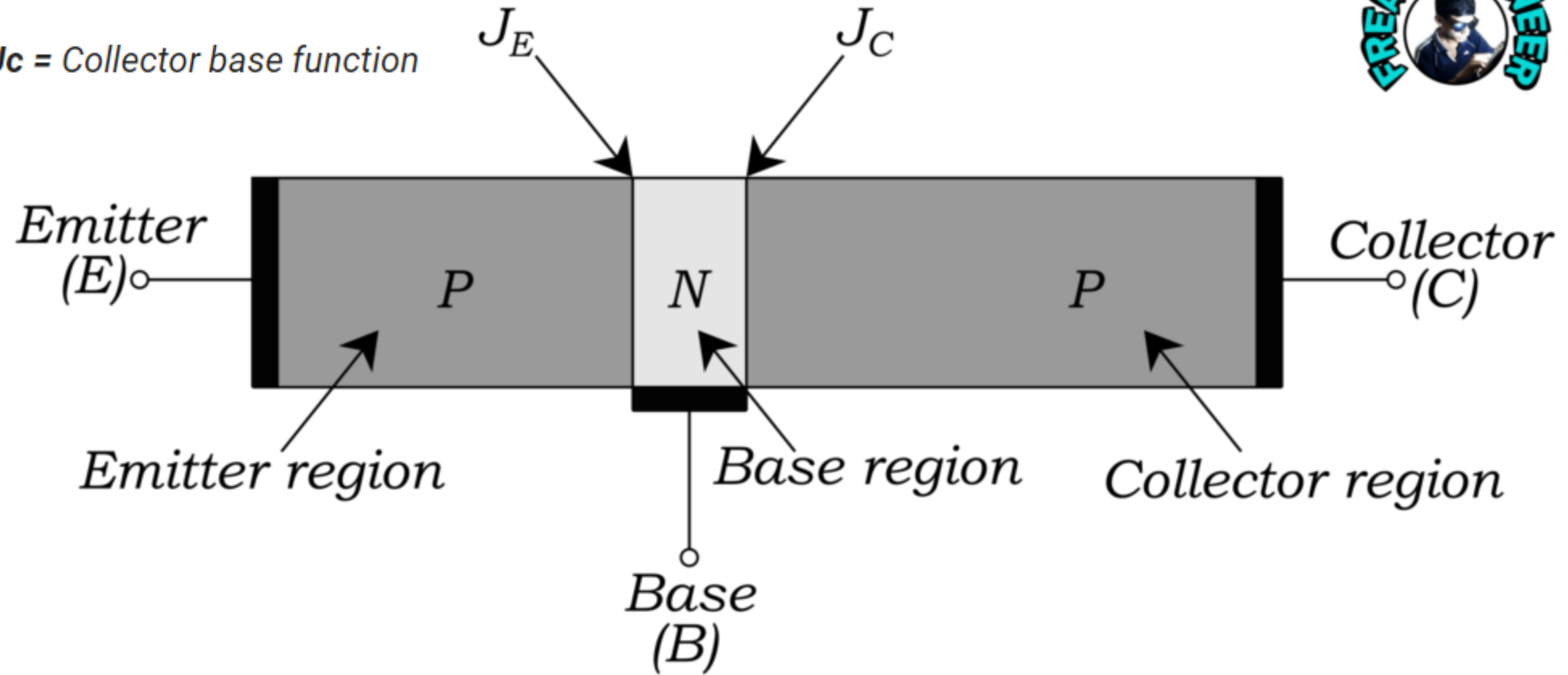
**NPN**

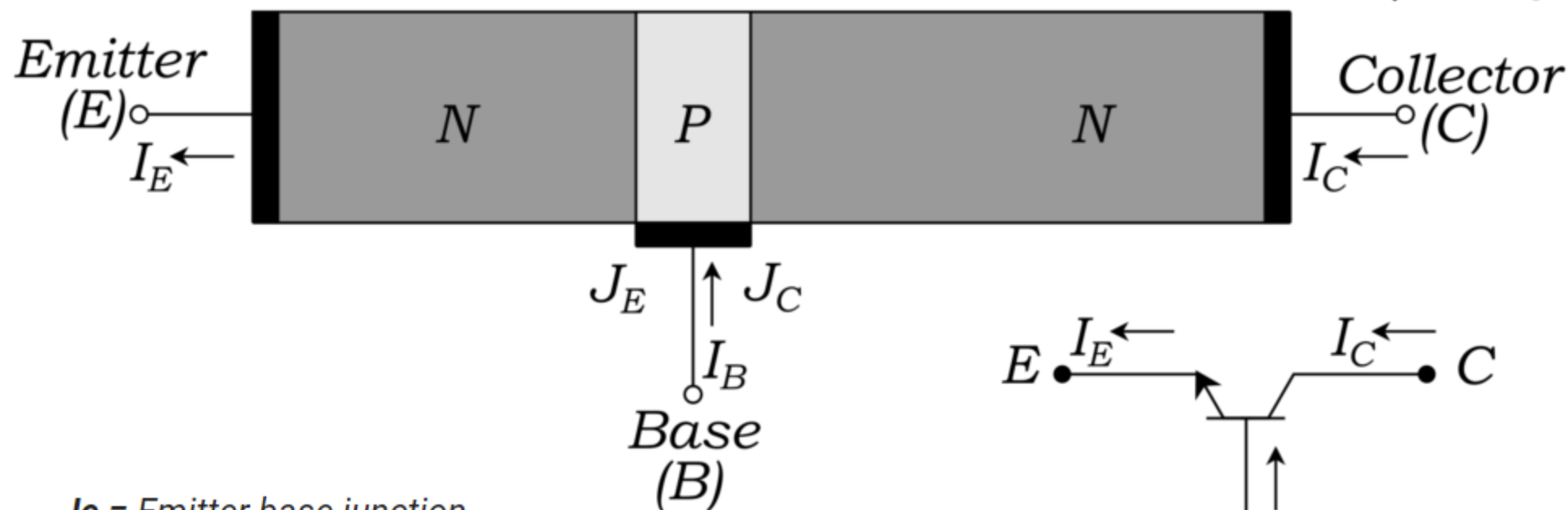


**PNP**

$J_E$  = Emitter base junction

$J_C$  = Collector base junction





**$J_E$**  = Emitter base junction

**$J_C$**  = Collector base junction

**BC547**



Touch here

