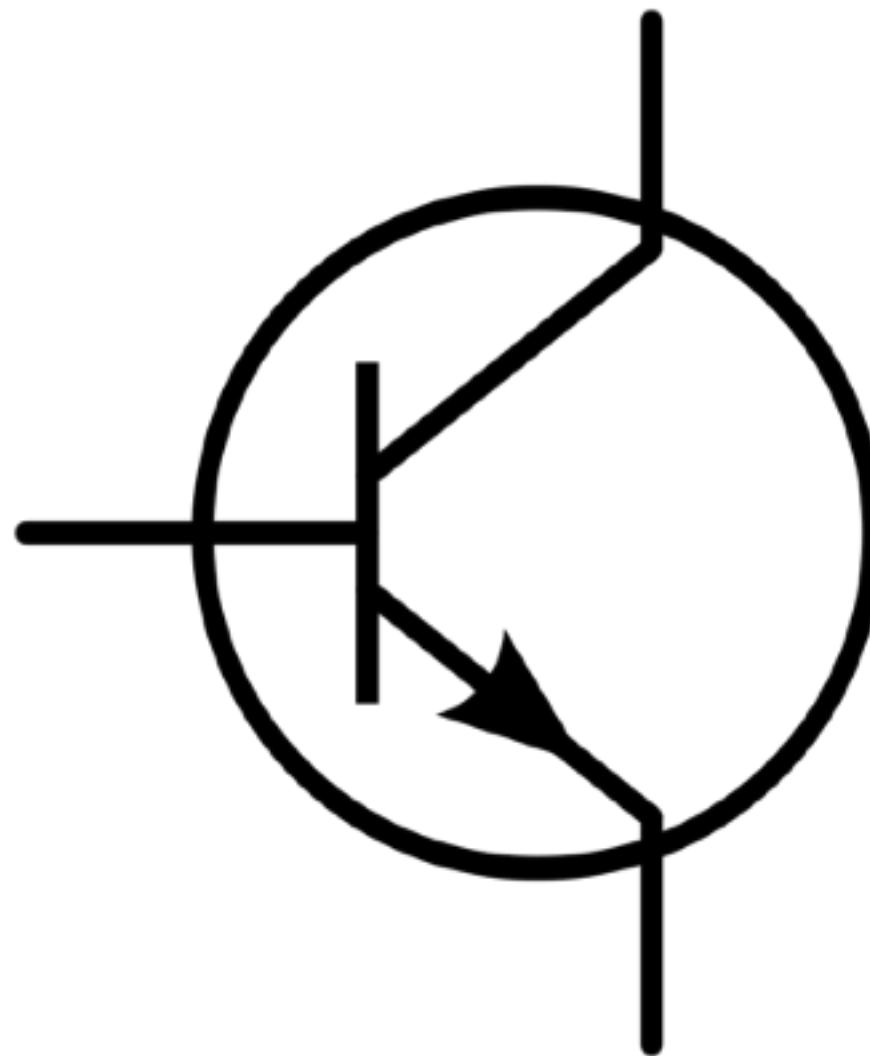# Transistors

- Transistors are the building blocks of modern computing

- Small yet complex devices that can be used to build logic gates

- Billions or trillions of transistors in a computer

Transistor types

- Several different families of transistor types. Main ones:

  - BJT (bipolar junction transistors)

  - FET (field effect transistors)

- Will not go into too much detail on these types but will give an overview of MOSFETs (metal oxide semiconductor FETs)

  - MOSFETs are the most common type of transistor, accounting for over 99% of all transistors that are currently used