

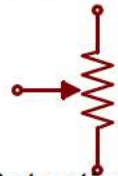
## Resistors



## Variable Resistors



Variable

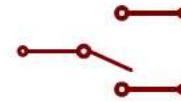


Potentiometer

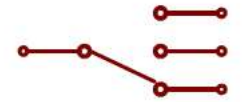
## Switches



SPST



SPDT



SP3T

## Capacitors



Polarized

## Inductors



## Diodes



LED

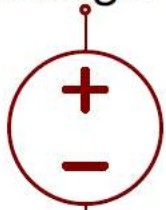


Photodiode



Schottky

## Voltage Sources

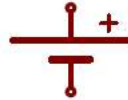


DC

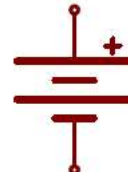


AC

## Batteries



1 cell



2 cells

## Voltage Nodes



VCC



5V



V+

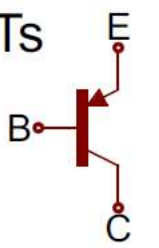


GND

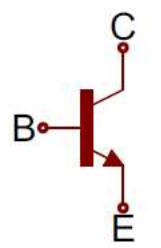


GND

## BJTs

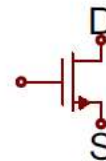
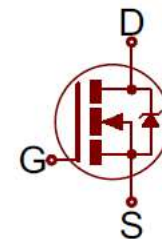
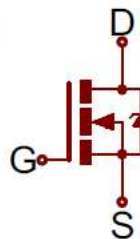
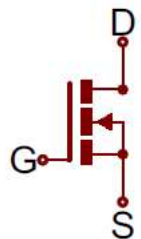


PNP

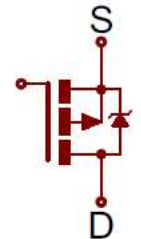
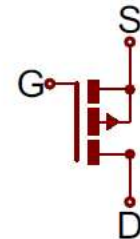


NPN

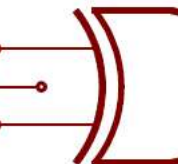
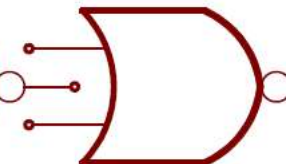
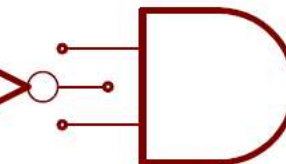
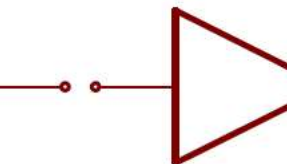
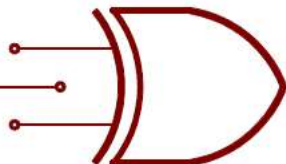
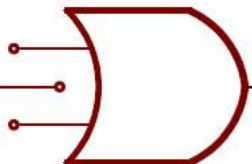
## n-Channel MOSFETs



## p-Channel MOSFETs



## Logic Gates



AND

OR

XOR

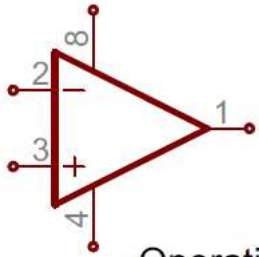
NOT

NAND

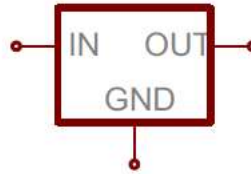
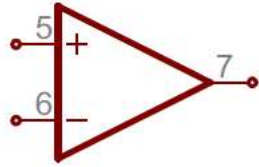
NOR

XNOR

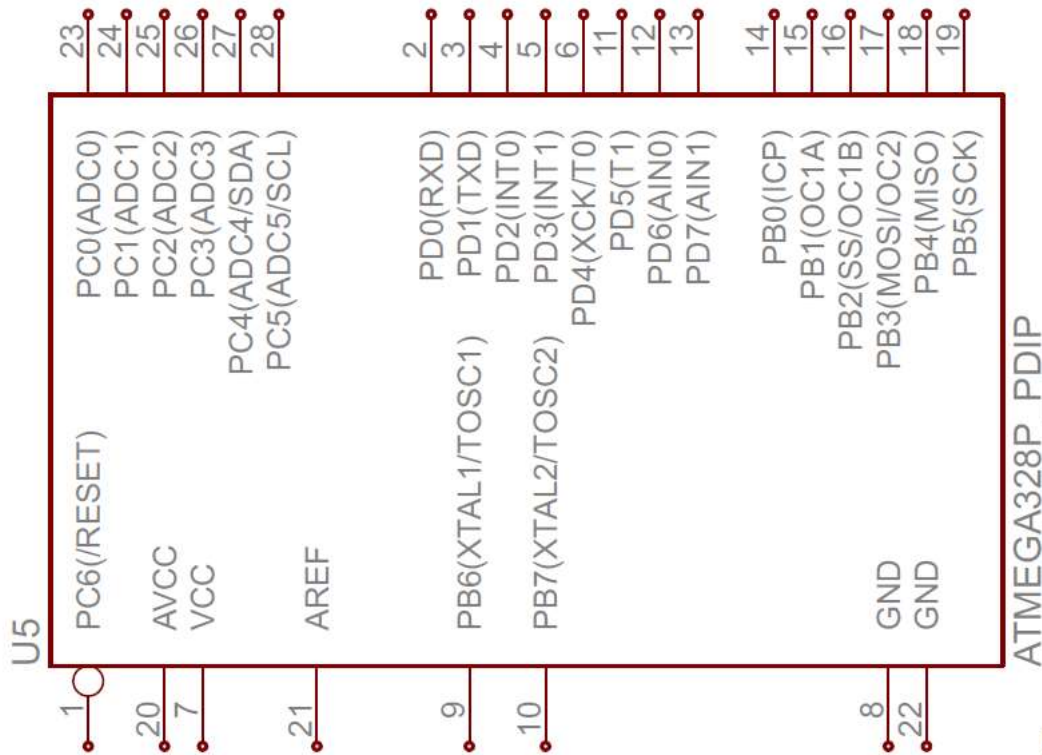
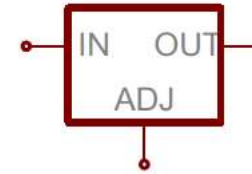
## Integrated Circuits



Operational Amplifiers



Voltage Regulators



Microcontrollers

