

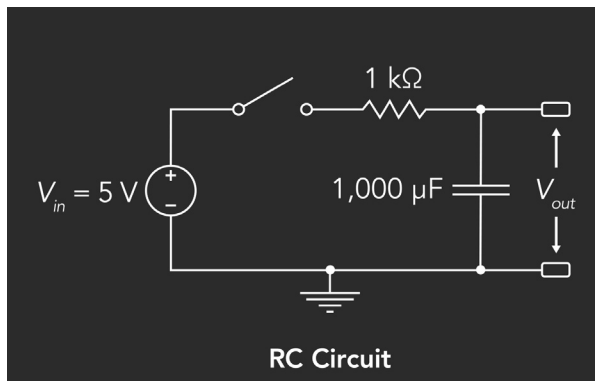
Charging RC Circuit

This circuit demonstrates how the voltage across a capacitor changes as it charges. When the switch is closed, the current will flow through the resistor and into the capacitor, until it is charged up to 5 V.

Components

- 5 V power source
- Switch
- 1 k Ω resistor
- 1,000 μ F capacitor

Schematic



Circuit

