Electronics Foundations: Basic Circuits

with Barron Stone



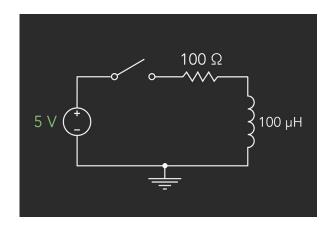
RL Circuit

This circuit demonstrates how the voltage across an inductor changes when a voltage is applied to an RL circuit.

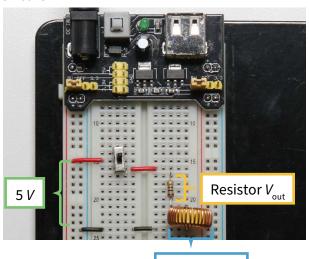
Components

- 5 V power source
- Switch
- 100Ω resistor
- 100 μH inductor

Schematic



Circuit



Inductor V_{out}