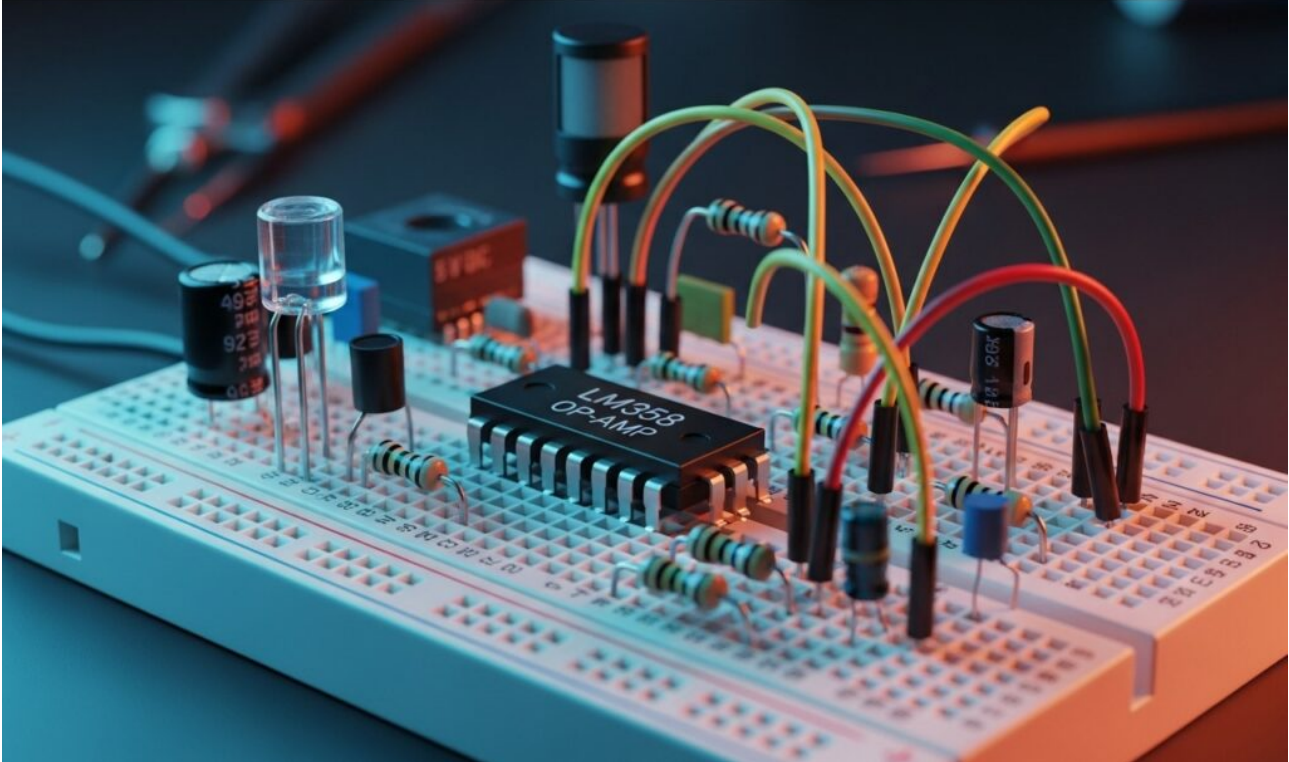


Practical case: Object counter on conveyor belt

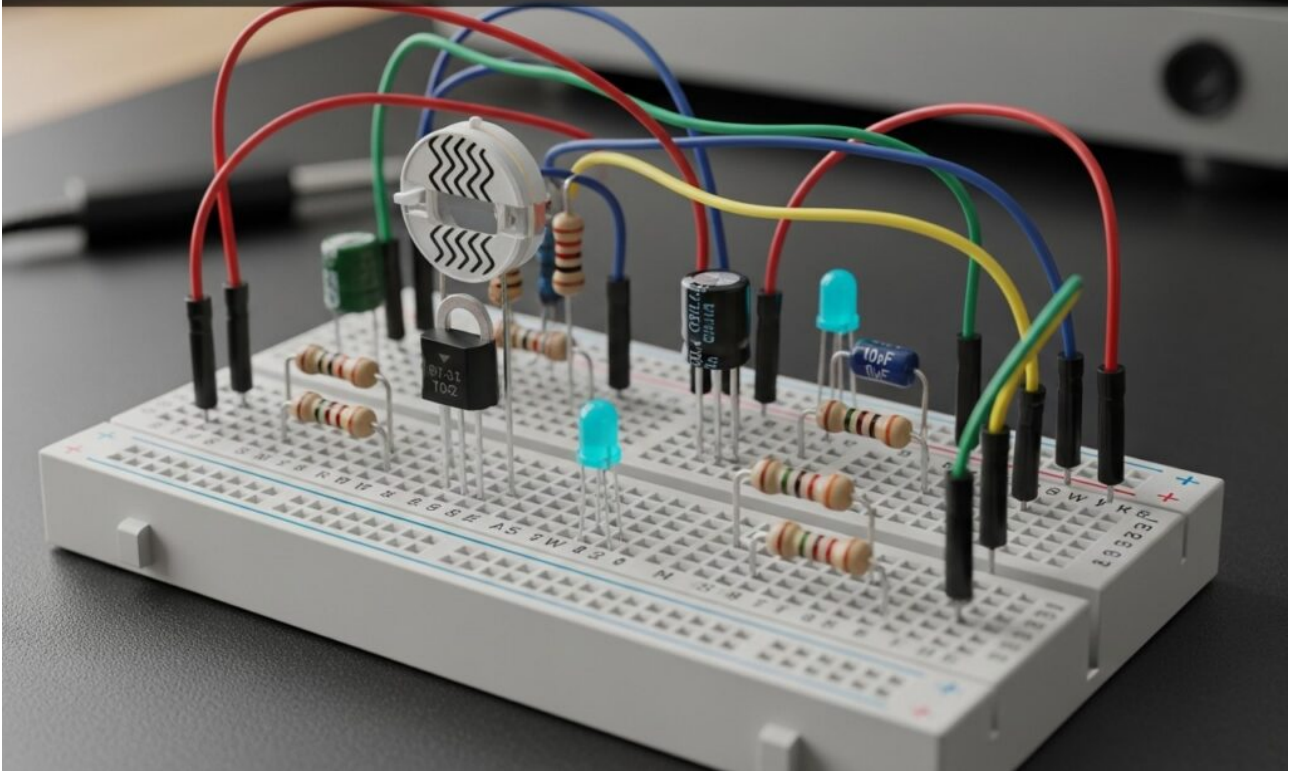
Object counter on conveyor belt



Master Analog Electronics by building an optical barrier with a Photoresistor. Detect moving objects and trigger a precise logic signal when the beam is broken.

Practical case: Simple light intensity meter

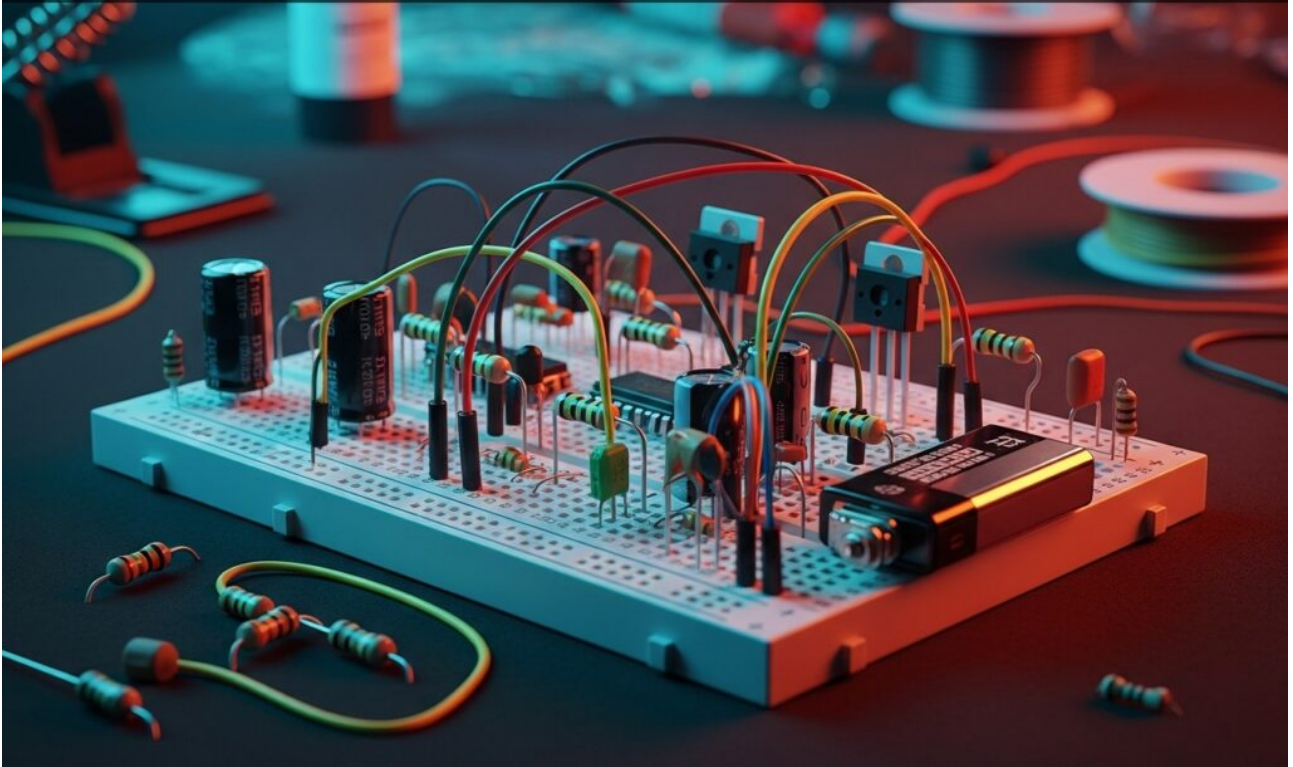
Simple light intensity meter



Master Analog Electronics by building a dark sensor with a Photoresistor. Create a circuit where an LED automatically dims in bright light to save power.

Practical case: Secret drawer alarm sensor

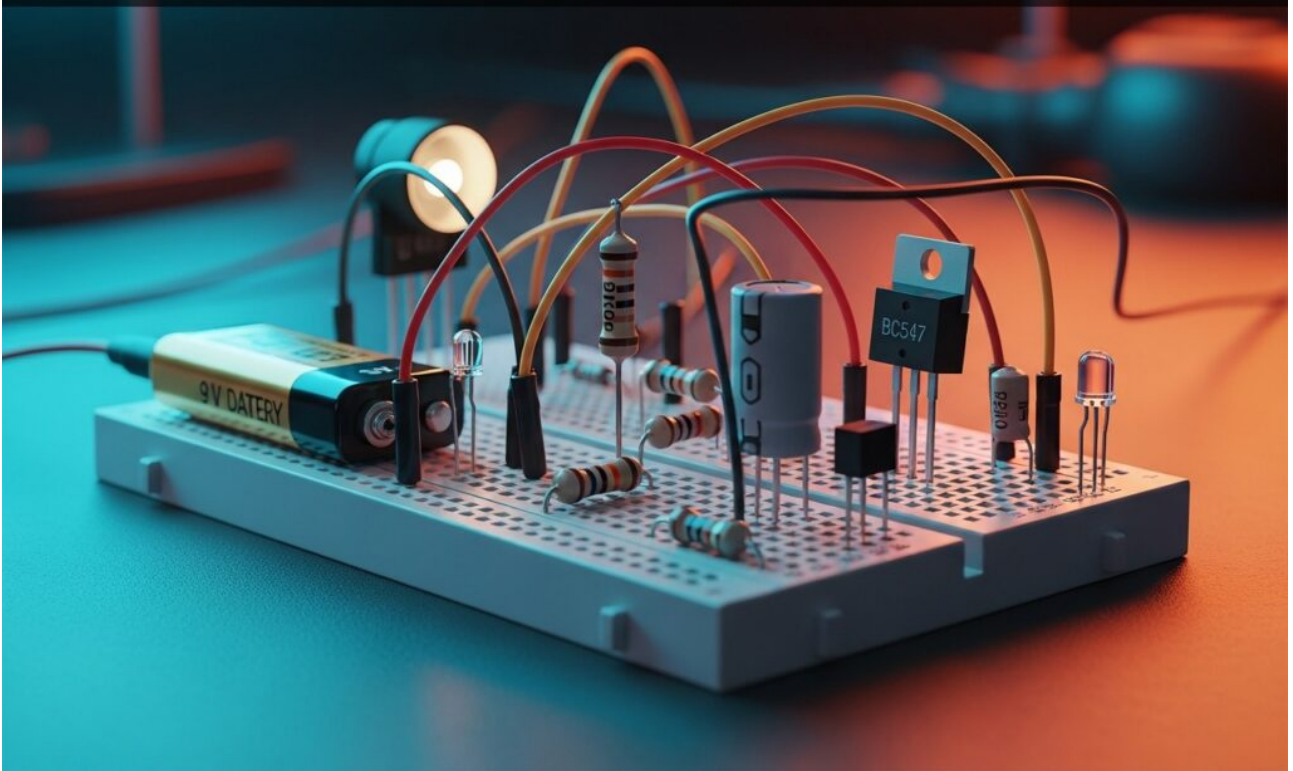
Secret drawer alarm sensor



Master Analog Electronics by building a drawer alarm. Use a Photoresistor to detect light and trigger a buzzer instantly, securing your valuables effectively.

Practical case: Automatic twilight switch

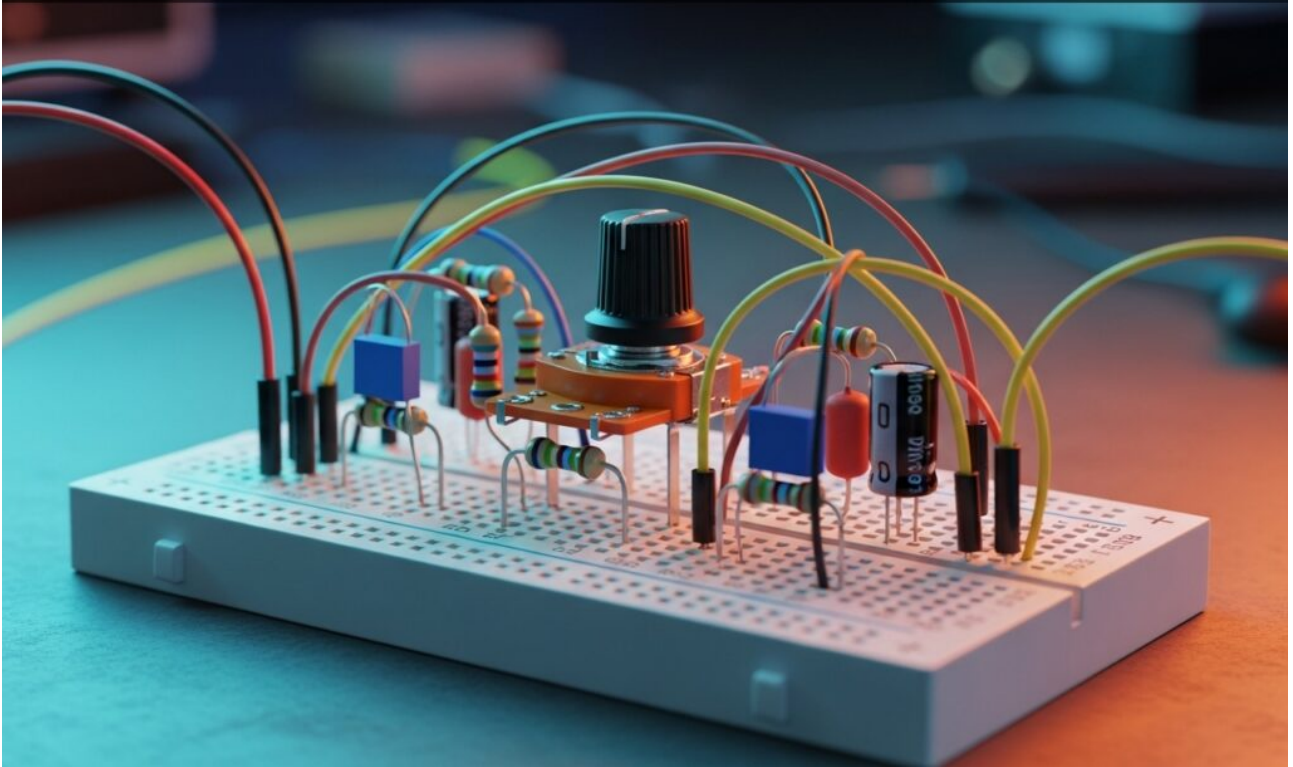
Automatic twilight switch



Learn Analog Electronics by building a dark-sensing switch with a Photoresistor. Create a circuit that automatically turns on an LED when ambient light drops.

Practical case: Potentiometer as a variable divider

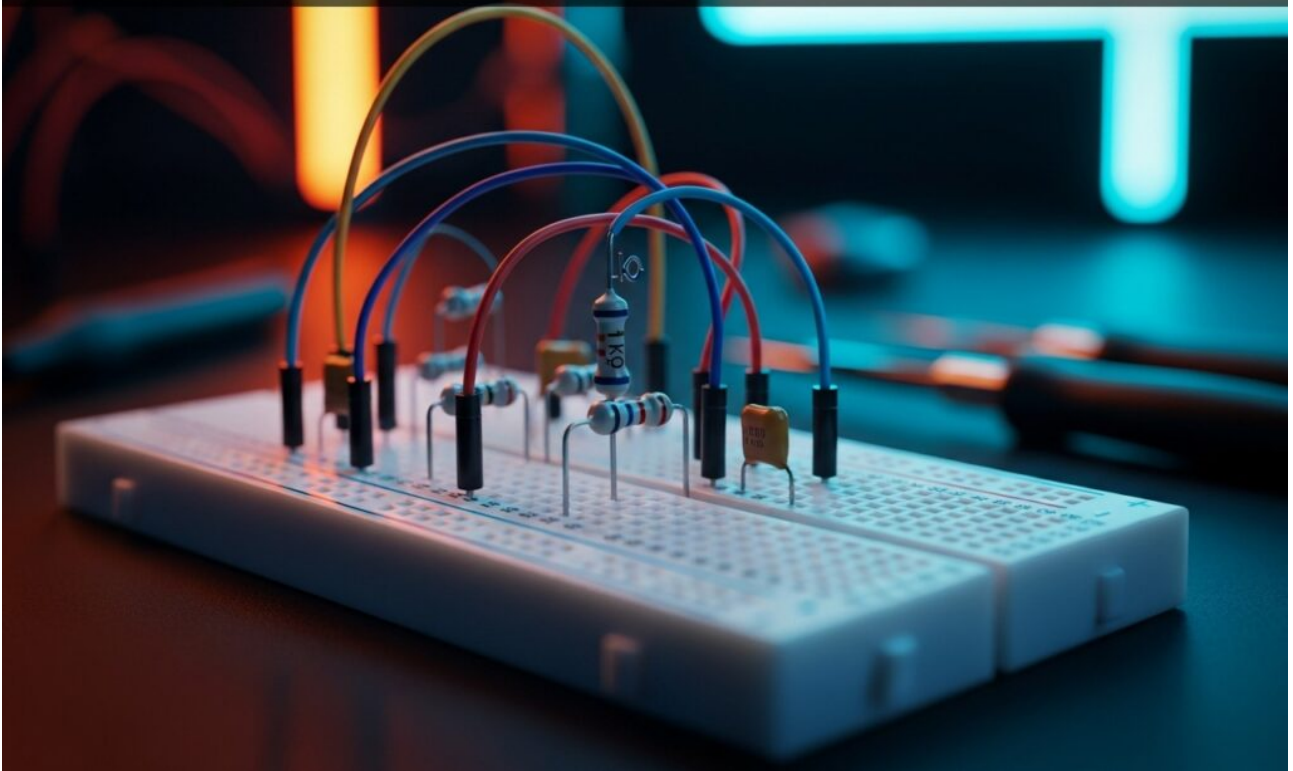
Potentiometer as a variable divider



Master Analog Electronics basics by building a variable voltage divider. Use a potentiometer as a variable Resistor to control output signals from 0V to 5V.

Practical case: Series and parallel resistors

Series and parallel resistors



Master Analog Electronics basics by building series and parallel Resistor circuits. Measure equivalent resistance to design precise voltage dividers and loads.