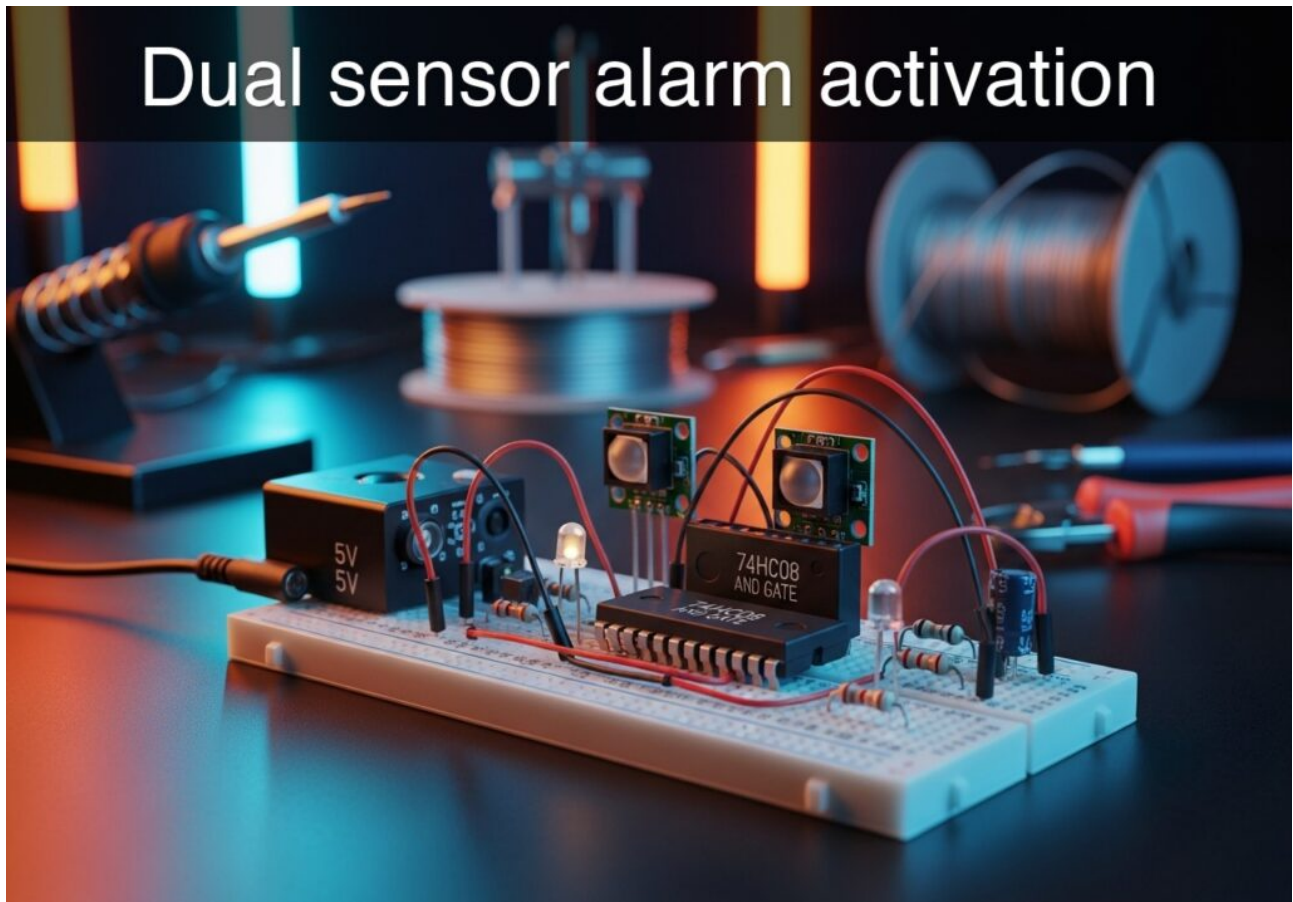


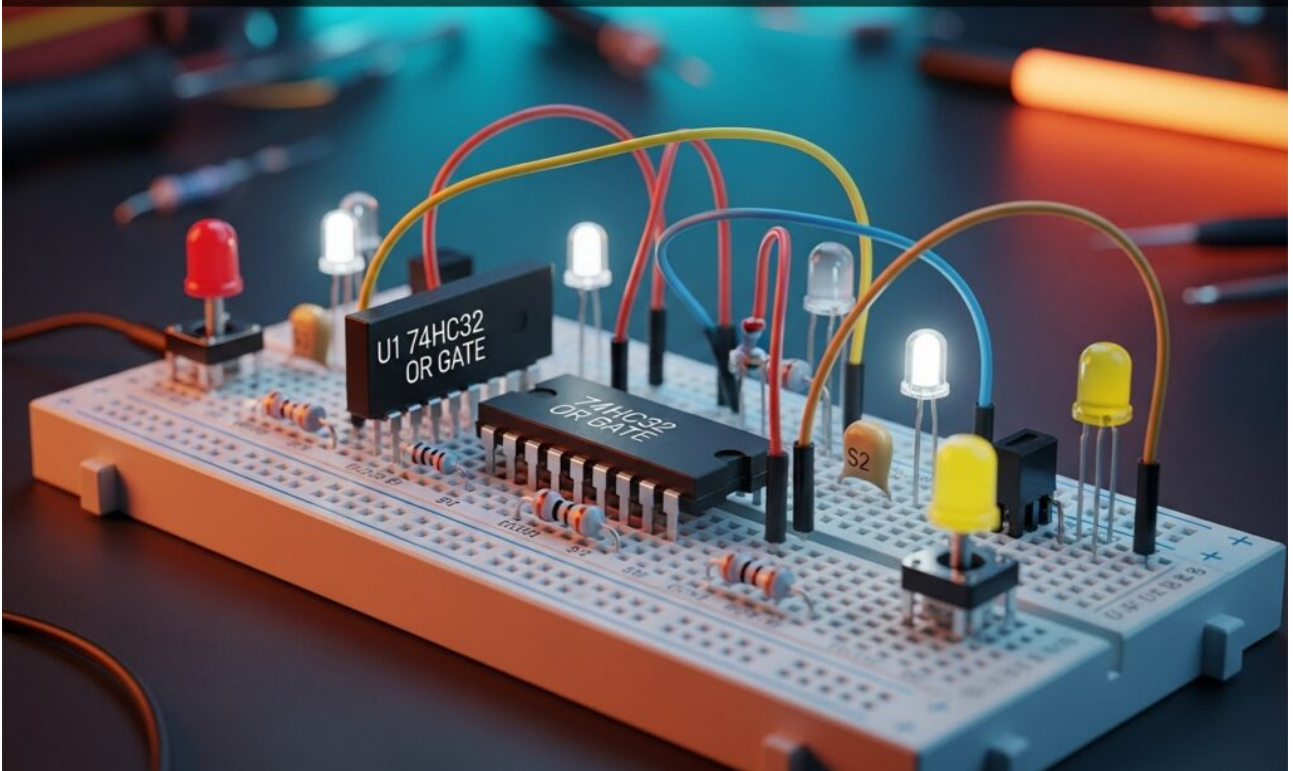
Practical case: Dual sensor alarm activation



Master Digital Electronics by building a dual-sensor security alarm. Learn how an AND gate validates simultaneous inputs to trigger a verified output signal.

Practical case: Lighting control from two points

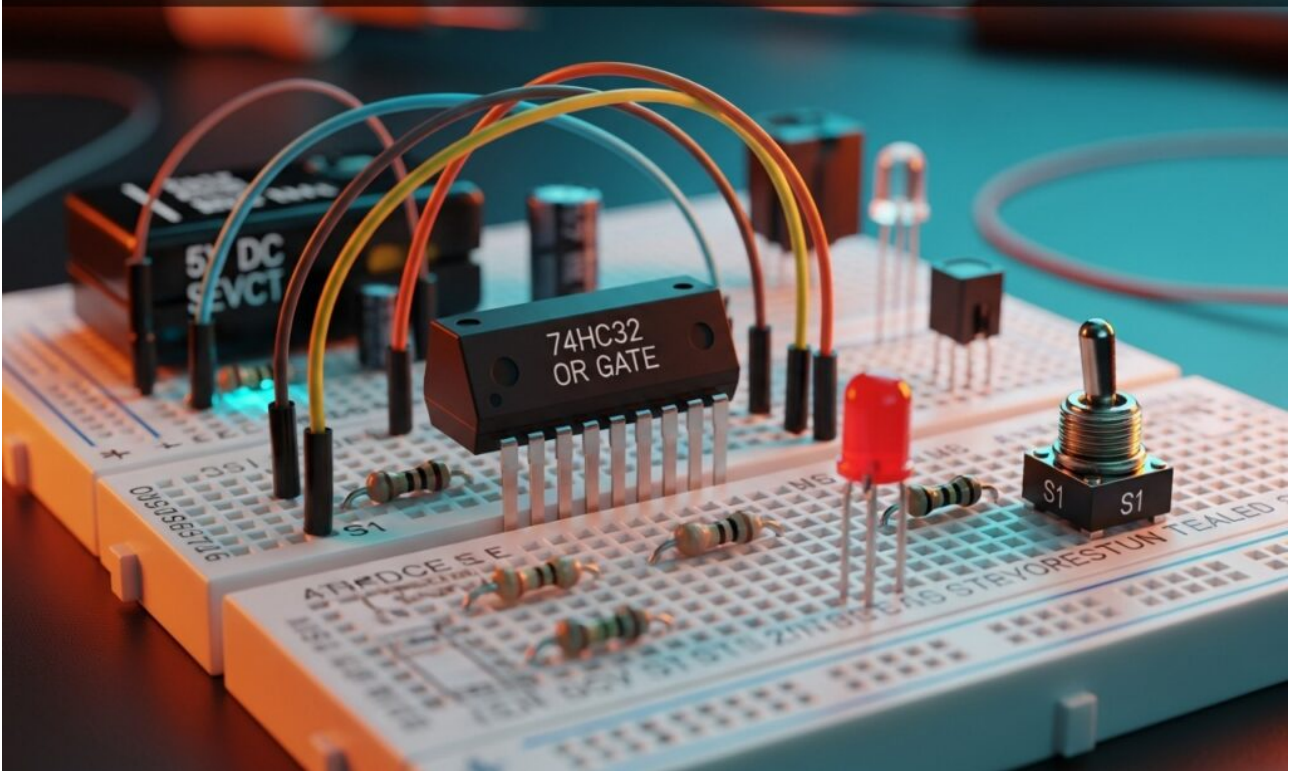
Lighting control from two points



Master Digital Electronics by building a dual-switch control circuit. Use an OR gate to trigger an LED signal from independent inputs, simulating alarm systems.

Practical case: Dual Sensor Alarm System

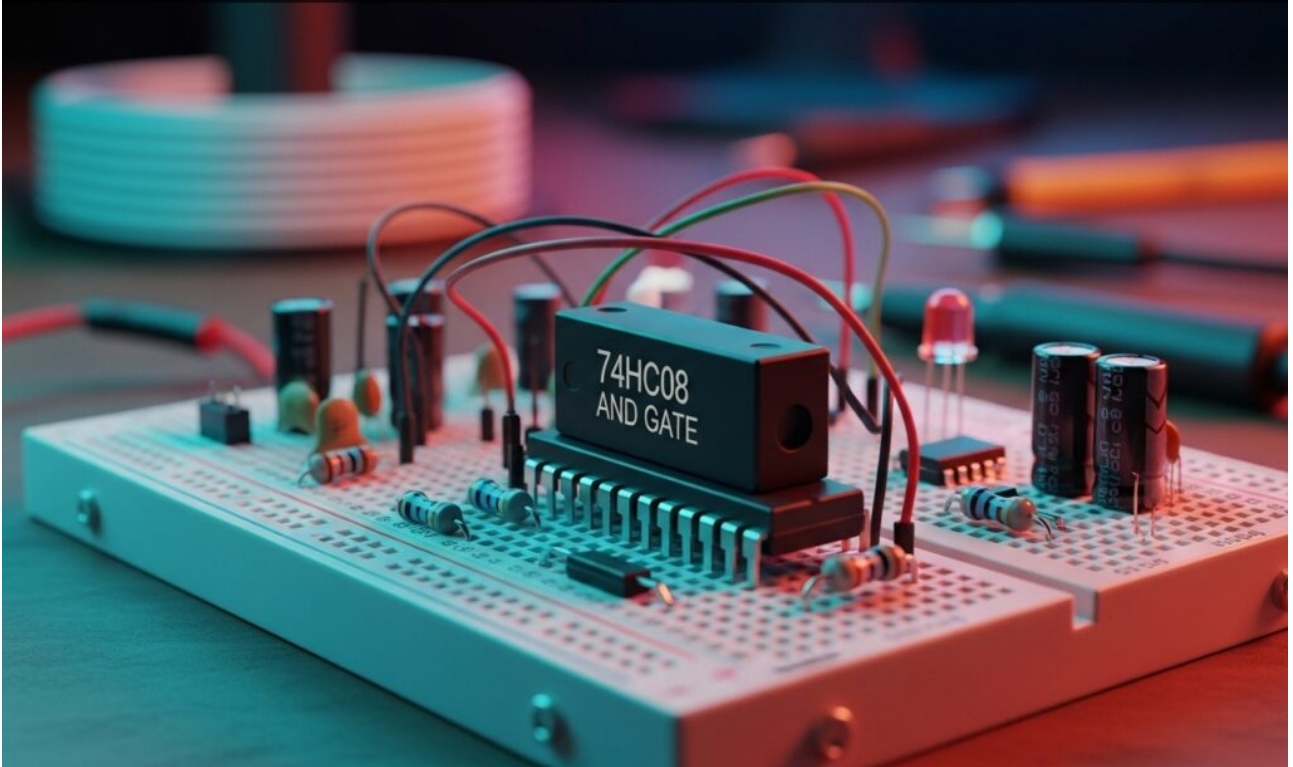
Dual Sensor Alarm System



Learn Digital Electronics by building a home security alarm using an OR gate. Create a circuit where two sensors trigger a real LED warning signal.

Practical case: Safe Hydraulic Press Control

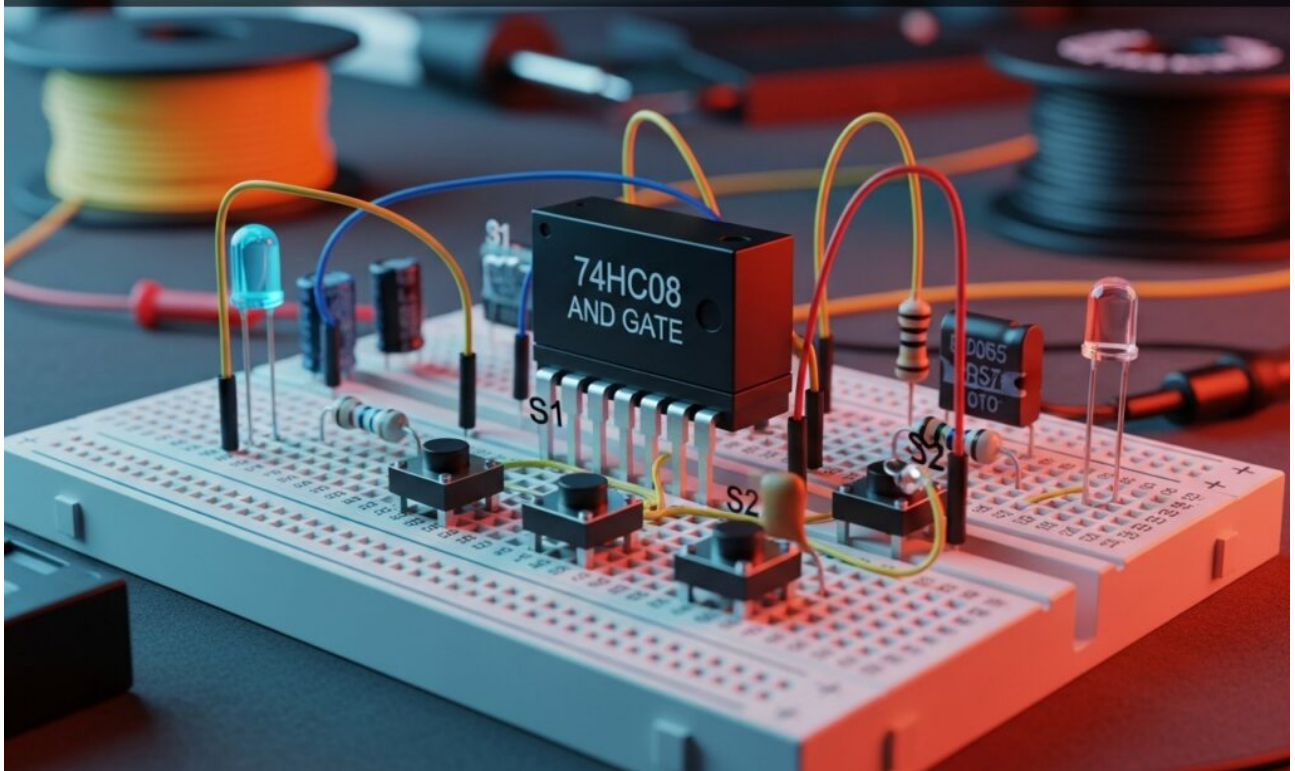
Safe Hydraulic Press Control



Master Digital Electronics by building a two-hand safety circuit using an AND gate. Ensure the LED load activates only when two inputs trigger simultaneously.

Practical case: Double Key Security System

Double Key Security System



Master Digital Electronics by building a dual-key security alarm with an AND gate. Learn to control logic signals and activate an LED only when inputs match.