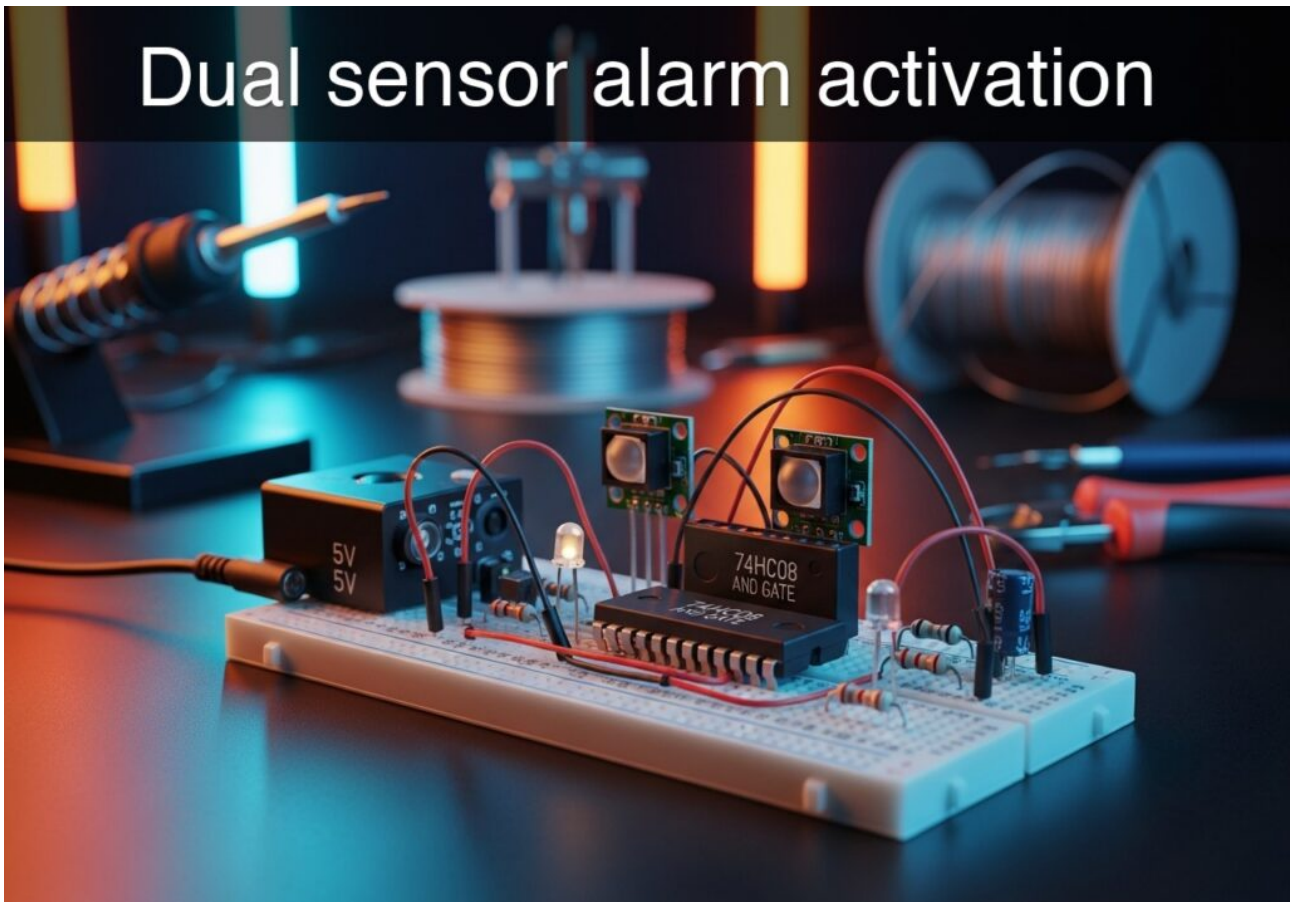


## Practical case: Dual sensor alarm activation

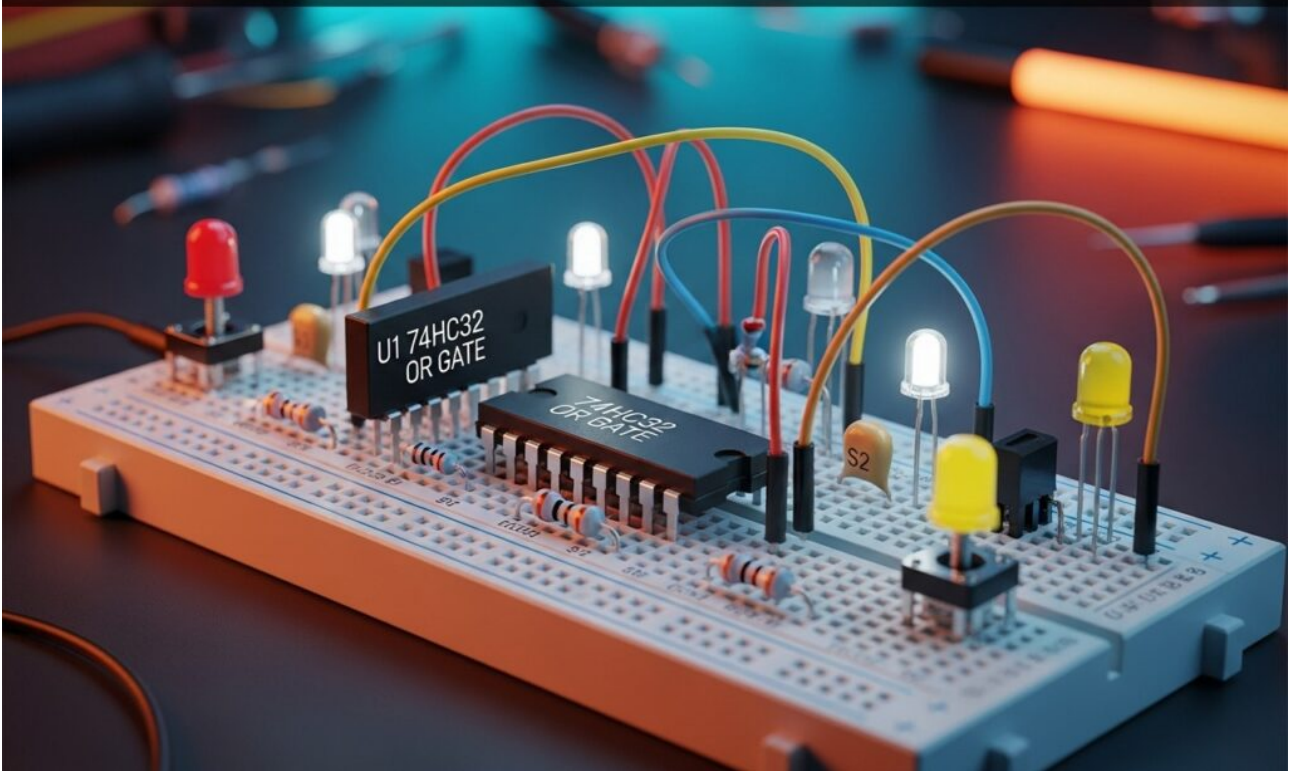


Master Digital Electronics by building a dual-sensor security alarm. Learn how an AND gate validates simultaneous inputs to trigger a verified output signal.

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## Practical case: Lighting control from two points

# Lighting control from two points

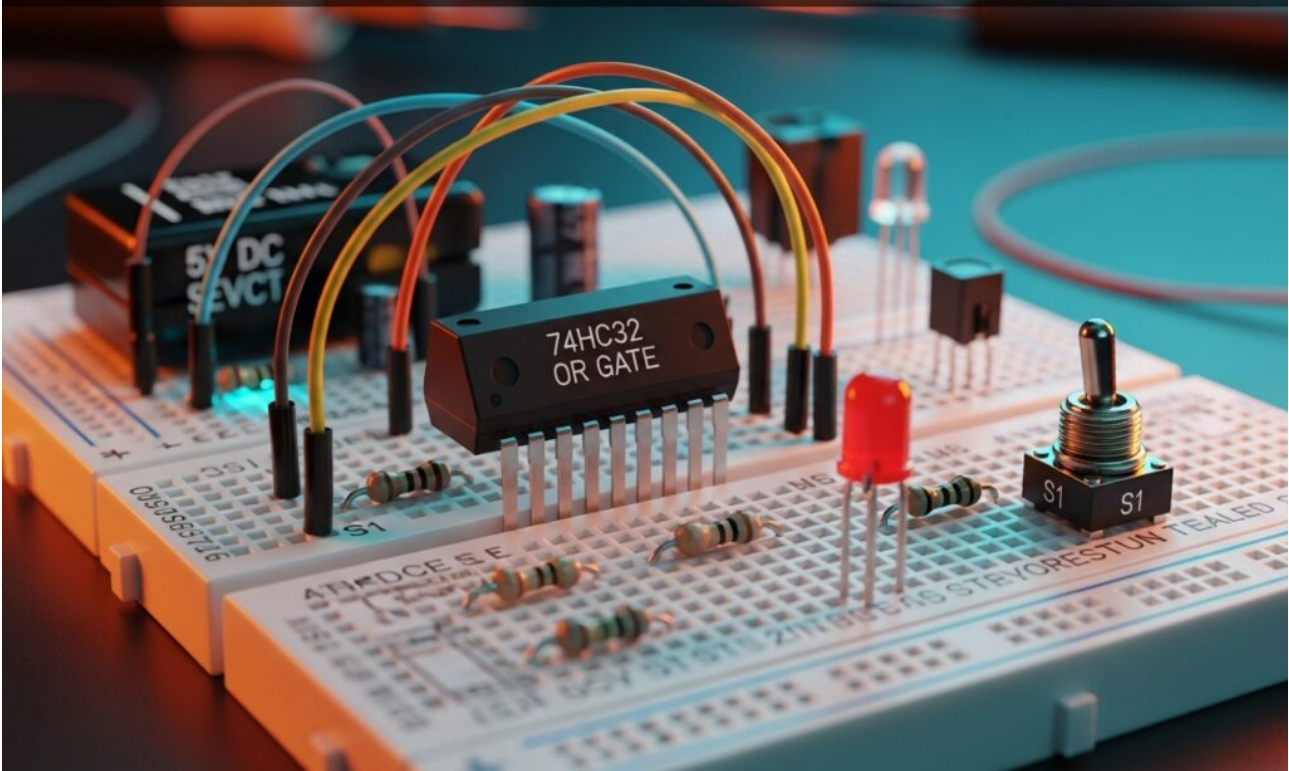


Master Digital Electronics by building a dual-switch control circuit. Use an OR gate to trigger an LED signal from independent inputs, simulating alarm systems.

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## Practical case: Dual Sensor Alarm System

# Dual Sensor Alarm System

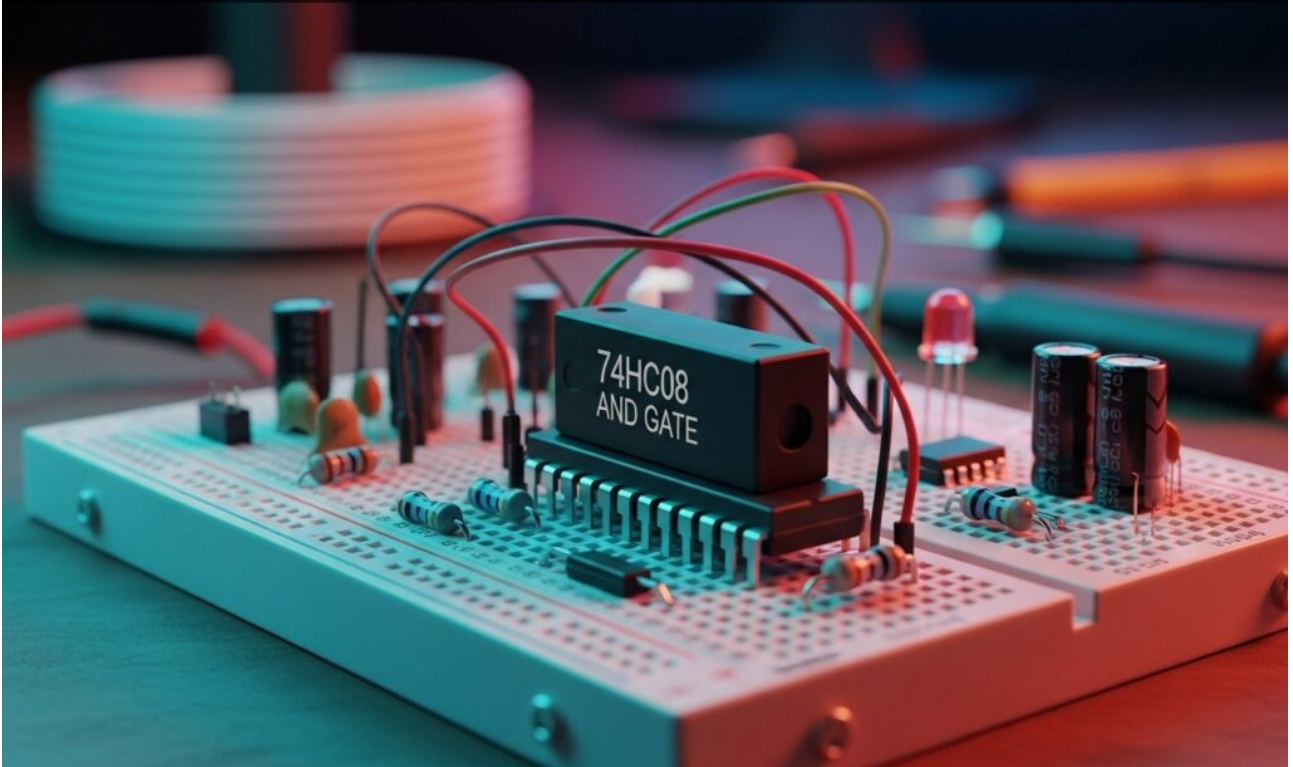


Learn Digital Electronics by building a home security alarm using an OR gate. Create a circuit where two sensors trigger a real LED warning signal.

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## Practical case: Safe Hydraulic Press Control

# Safe Hydraulic Press Control

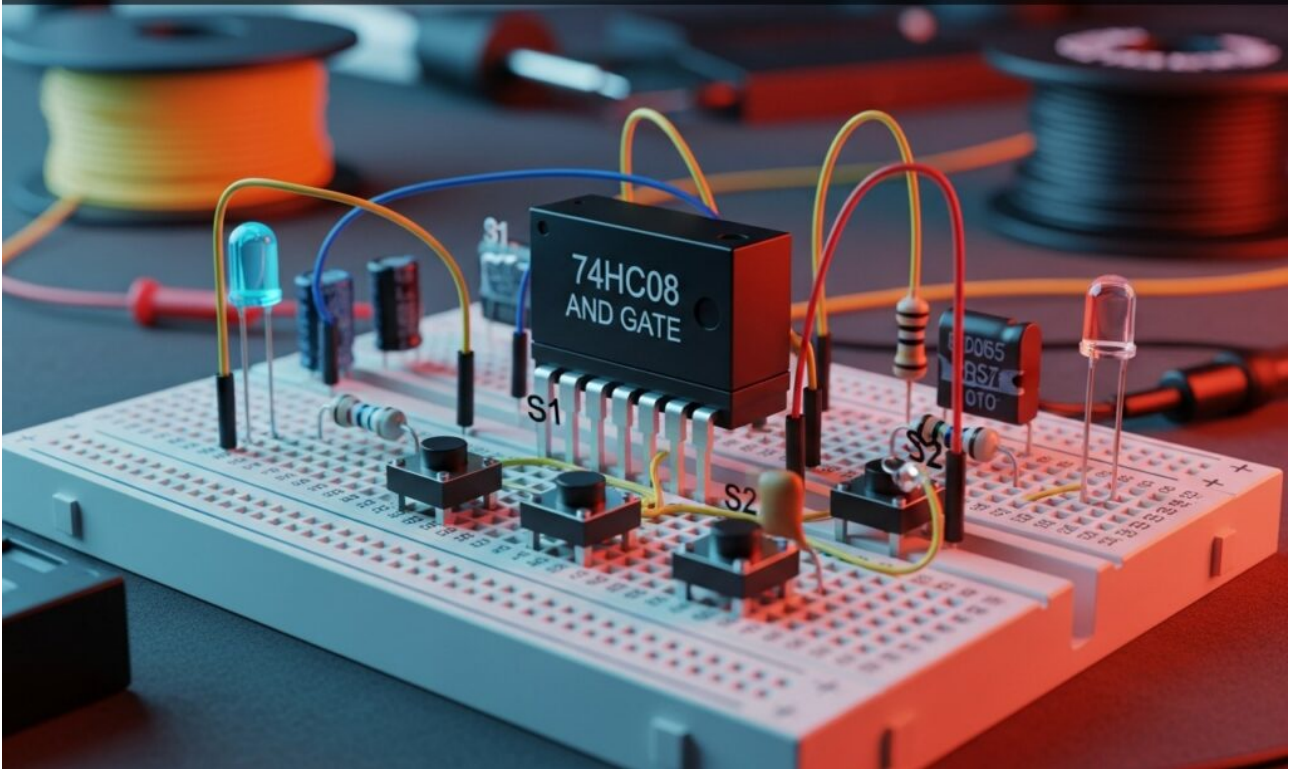


Master Digital Electronics by building a two-hand safety circuit using an AND gate. Ensure the LED load activates only when two inputs trigger simultaneously.

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**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.