



## Description

AD0369 is a remote control encoder paired with AD2272 utilizing CMOS Technology. It encodes data and address pins into a serial coded waveform suitable for RF or IR modulation. AD0369 has a maximum of 12 bits of tri-state address pins providing up to 531,441 (or  $3^{12}$ ) address codes; thereby, drastically reducing any code collision and unauthorized code scanning possibilities.

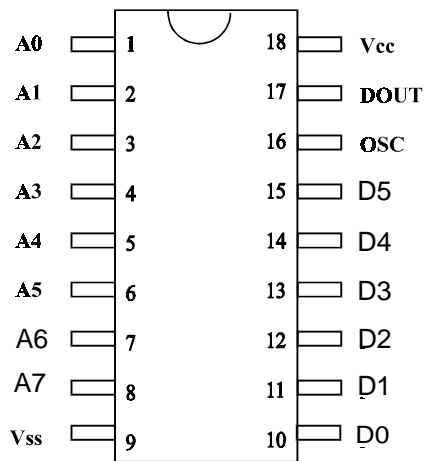
## Features

- CMOS Technology
- Low Power Consumption
- Very High Noise Immunity
- Up to 12 Tri-State Code Address Pins
- Up to 6 Data Pins
- Wide Range of Operating Voltage:  $V_{cc} = 5 \sim 12$  Volts
- Single Resistor Oscillator
- Latch or Momentary Output Type
- Available in DIP and SO Package

## Applications

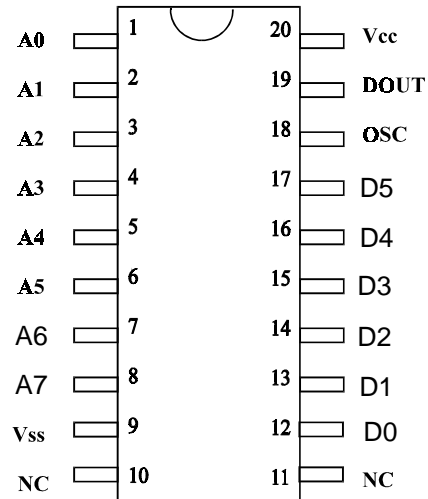
- Car Security System
  - Garage Door Controller
  - Remote Control Fan
  - Home Security/Automation System
  - Remote Control Toys
  - Remote Control for Industrial Use
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## Pin Configuration



AD0369

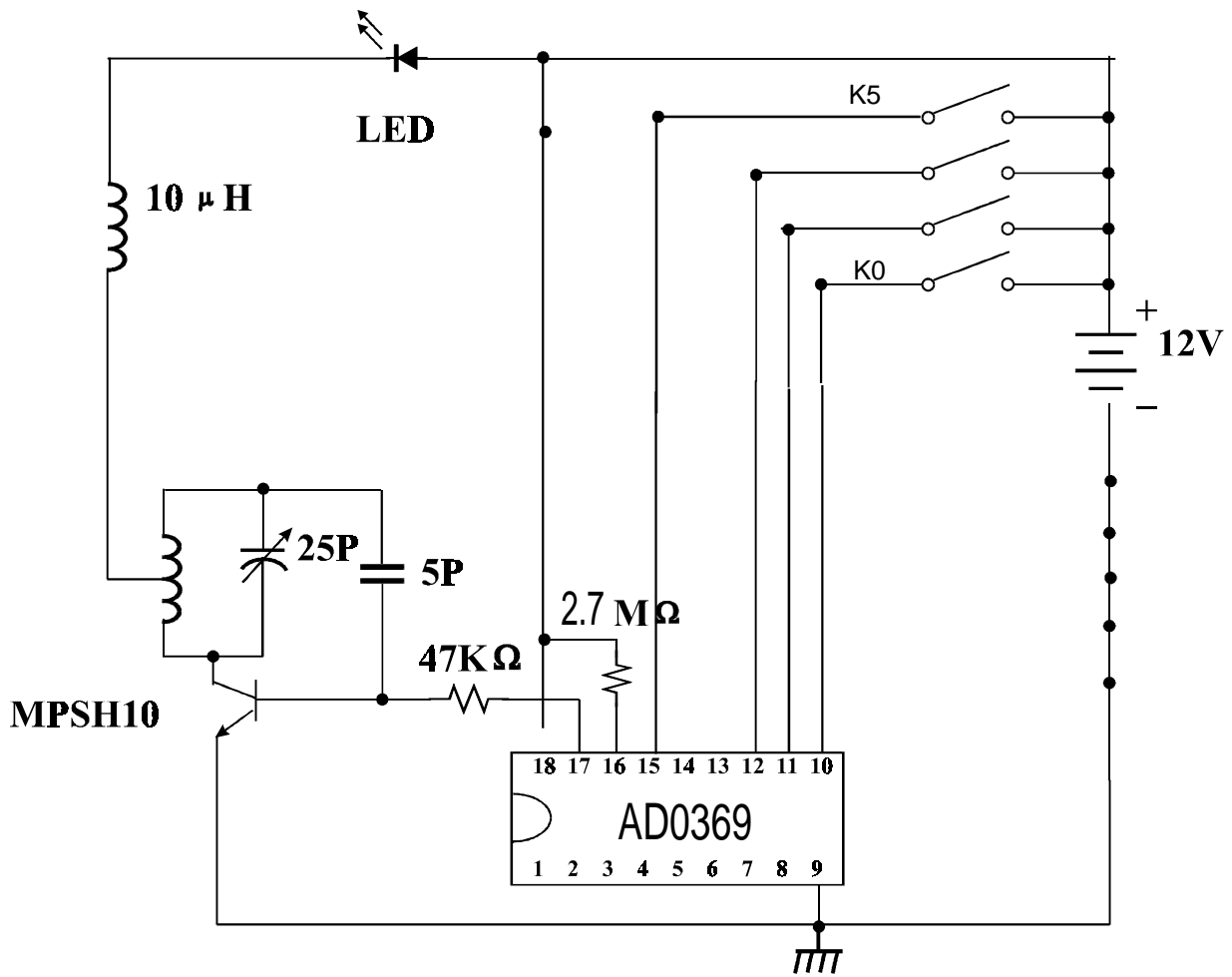
DIP18



AD0369

SOP20

# Application Circuit



UHF Band 4 Data Transmitter Circuit is recommended.