



**MOTOROLA**

*Product Preview*

## Voice Activated Switch

The MC2830 circuit incorporates the microphone amplifier (MIC AMP), automatic level control (ALC) and voice activated switch. The voice activated switch circuit has the ability to distinguish the voice from the background noise and trigger the switch output circuit by voice level. Therefore, the switching operation is highly reliable under noisy environment. The ALC range of microphone amplifier is over 50db and can be adjusted by external resistor. This device is particularly suitable for the applications such as radio transceiver, car radio, message storage recorder and voice controlled toys, etc.

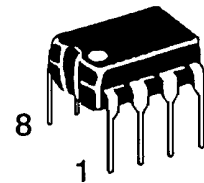
Features:

- Microphone amplifier with external feedback
- External resistor adjustable ALC of over 50db
- Voice Activated Switch with external controllable sensitivity
- 1.8 - 8 volts low voltage operation

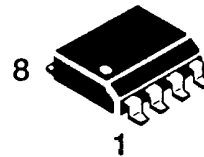
**MC2830**

**VOICE ACTIVATED  
SWITCH**

**SILICON  
MONOLITHIC  
INTEGRATED  
CIRCUIT**



P suffix  
Plastic package  
Case 626-04



D suffix  
Plastic package  
Case 751-02  
SO-8