



**MOTOROLA**

**MC33218**

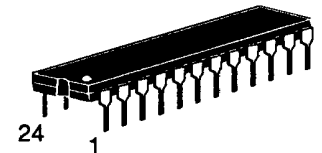
*Product Preview*

# Voice switched Speakerphone circuit

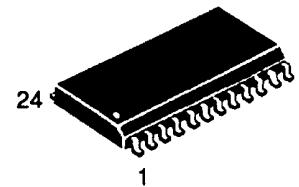
## Bipolar analog

The MC33218 Voice Switched Speakerphone Circuit incorporates the necessary amplifiers, attenuators, level detectors, and control algorithm to form the heart of a high quality hands-free speakerphone system.

- Low supply voltage: down to 2.5V
- 4mA supply current allows line powering
- Microphone amplifier with adjustable gain
- Linear volume control
- Mute input pin provides Mike Amp. Muting + Force To Receive Mode for total transmit muting greater than 70dB
- AGC in Rx path for line powered phone
- 52 dB or 26 dB attenuator range
- Transmit and Receive background noise monitor
- Extended temperature range: -40 to +85°.



**P suffix**  
Plastic package



**DW suffix**  
SO plastic  
Case 751E

