



Product Preview

Voice switched Speakerphone circuit

Bipolar analog

The MC33318 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
- 3 Pin, 8-bit microprocessor port for:
 - Receive volume control (16 levels)
 - Dialling mode (Tx mute + Rx mute)
 - Tx mute (70 dB privacy)
 - Force to Rx/Tx/Idle mode
 - Attenuation gain selection
- 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°.

