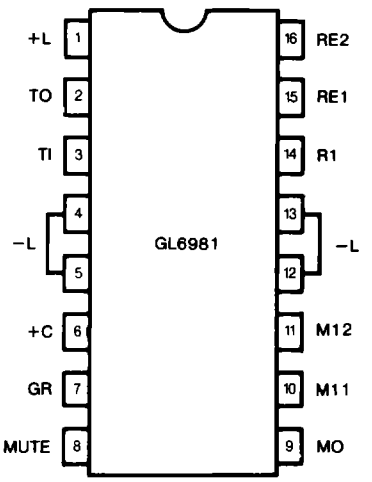
GL6981

LOW VOLTAGE SPEECH CIRCUIT

Features

- Low voltage operation down to 1.3V DC.
- AC voltage swing down to 0.4V
- Transmit and receive gain compensation.
- Differential microphone input for dynamic microphone.
- Current generator output powers electret buffer amplifier or pulse dialer.
- Balanced receiver output stage.
- 16 pin "batwing" DIP handles 1.5W power dissipation.

Pin Configurations



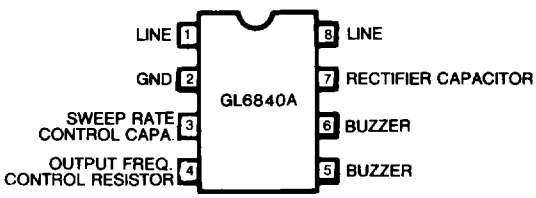
GL6840A

ELECTRONIC TWO TONE RINGER

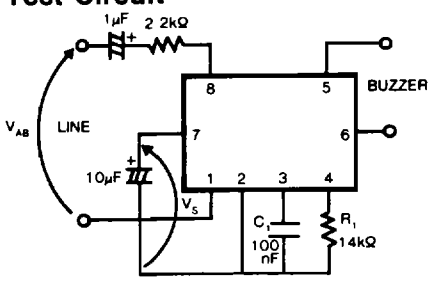
Features

- Low Current Consumption, in Order to Allow the Parallel Operation of 4 Devices
- Intergrated Rectifier Bridge with Zener Diodes to Protect Against overvoltages
- Littel External Circuity
- Tone and Switching Frequencies Adjustable by External Components
- Integrated Voltage and Current Hysteresis
- Bridge Output Configuration

Pin Configuration



Test Circuit



$f_1 = \frac{3.56\ 10^1}{R_1(k\Omega)}$ (See fig. 3) $f_2 = 0.725 f_1$ $f_{SWEEP} = \frac{750}{C_1(nF)}$