

# MC34012-1 MC34012-2 MC34012-3

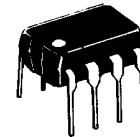
## Advance Information

### TELEPHONE TONE RINGER

- Complete Telephone Bell Replacement Circuit with Minimum External Components
- On-Chip Diode Bridge and Transient Protection
- Direct Drive for Piezoelectric Transducers
- Base Frequency Options—MC34012-1: 1.0 kHz  
MC34012-2: 2.0 kHz  
MC34012-3: 500 Hz
- Input Impedance Signature Meets Bell and EIA Standards
- Rejects Rotary Dial Transients

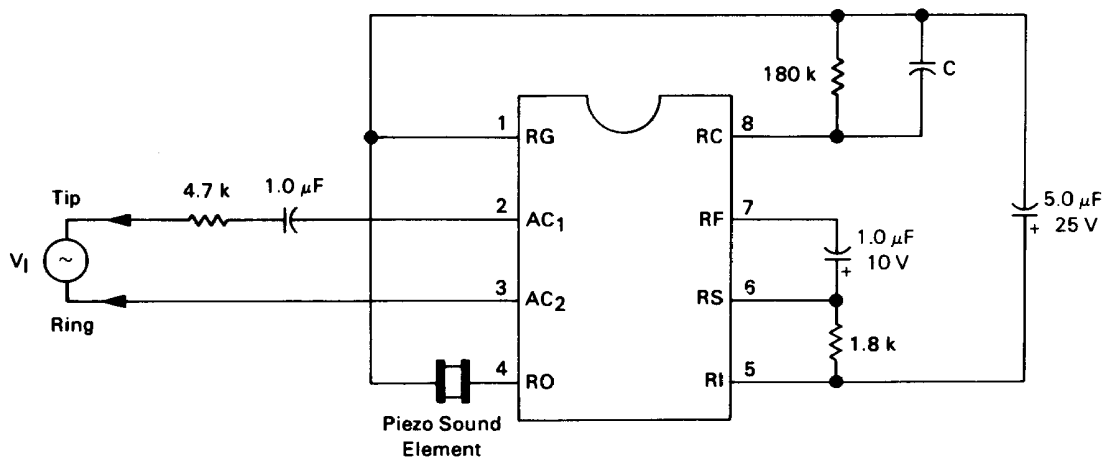
### TELEPHONE TONE RINGER

**BIPOLAR LINEAR /12L**



**PLASTIC PACKAGE  
CASE 626**

### APPLICATION CIRCUIT



MC34012-1: C = 1000 pF  
MC34012-2: C = 500 pF  
MC34012-3: C = 2000 pF