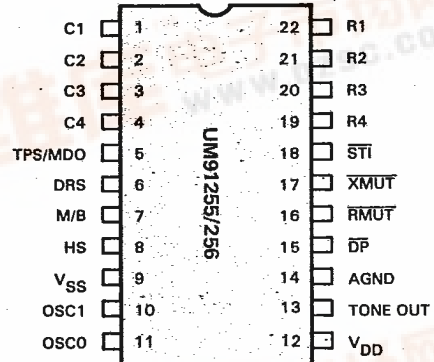


UM91255/256 10 Memory Tone/Pulse Dialer

FEATURES

- The Ten 18-Digit Repertory Memory and 24 Digit Redialing Memory Can be Used in Either DTMF or Pulse Mode
- Low Voltage CMOS Process for Direct Operation from Telephone Line
- Independent Inputs for Selection of Pulse Dialing Rate; Inter-Digit Pause (10PPS/617.9ms or 20PPS/463.4 ms) and Make/Break Ratio (33 1/3/66 2/3 or 40-60)
- Can be Attached to Inexpensive XY Matrix Keyboard
- Uses Inexpensive TV Crystal (3.58 MHz)
- Transmute and Receivemute On-Chip
- The DTMF/Pulse Select Command Can be Executed Via DTMF/Pulse Slide Switch
- The Repertory Memory Can be Stored in On-Hook Status (UM91256) or Off-Hook Status (UM91255)

PIN CONFIGURATION

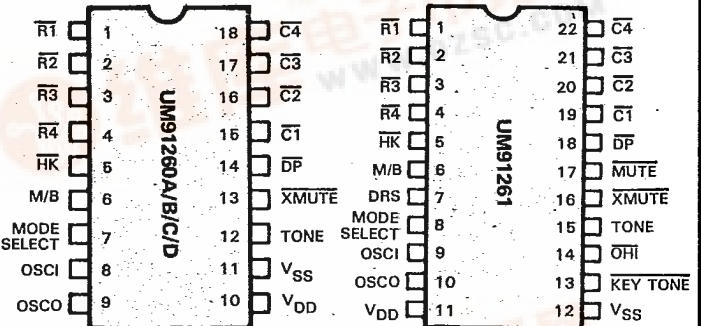


- A Built-in SCF-Type BPF, Makes DTMF Signal with Low THD (Typically $\frac{1}{4}$ 2.5% at 5V) without the Use of External Filters
- PABX Auto-Pause for 3.97 sec, Can also be Cancelled During Sending

UM91260 SERIES/91261 10 Memory Tone/Pulse Dialer

FEATURES

- 32-Digit Redial Memory
- 10 Number by 16-Digit Repertory Memory
- Tone/Pulse Switchable Via Slide Switch, and Inserts a Pause (4.08 Sec.) Automatically
- Low Operating Voltage - 1.8V to 6.0V
- Uses 480 KHz Ceramic Resonator
- Low Standby Voltage and Current: 1.0V; and 0.1 μ A at 3.0V, 40°C
- Low Off-Hook Standby Current and Operating Current
- Make/Break Ratio Pin Selectable (1/2, 2/3)
- Dialing Rate Pin Selectable 10 pps/20 pps (UM91261 Only)
- Two Keys Single Tone Operation
- Redial Memory Cascadable with Normal Dialing
- Fully Debounced 4 x 4 Keyboard
- Power on Reset On-Chip
- Minimum Tone Output Duration: 106.5 ms; and Minimum Inter Digit Interval: 106.5 ms at Normal Dialing



- All Pins Protected Against Electrostatic Charges and Latch-up
- 22-pin/18-pin Versions
- On/Off Hook Store; 10/20 pps Dialing Rate Available:

Part No.	Dialing Rate	Storage Mode
UM91260A	10 pps	Off Hook Only
UM91260B	20 pps	On/Off Hook
UM91260C	10 pps	On/Off Hook
UM91260D	20 pps	Off Hook Only