

**DTMF Receiver**

**Features**

- Full Receiver Implementation
- Central Office Quality
- Detects All 16 DTMF Tone Pairs
- Uses Inexpensive 3.579 MHz Colorburst Crystal
- Hex Output
- Built-in Filter for Dial Tone Rejection
- 14 Pin Package
- Single 5 Volt  $\pm 10\%$  Power Supply
- Low Power CMOS Technology
- Pin Compatible with SSI 204

**General Description**

The CS204 is a fully integrated DTMF (Dual Tone Multifrequency) receiver that decodes the tone pairs used in standard tone dialing schemes. All of the functions needed for decoding the tone pairs are implemented using Crystal's double-poly CMOS process for low power and high performance.

**ORDERING INFORMATION**

CS204-P - 14 Pin Plastic DIP  
Standard 300 mil DIPs

**Block Diagram**

