

DTMF Receiver

Features

- Full Receiver Implementation
- Central Office Quality
- Detects 12 or 16 DTMF Tone Pairs
- Uses Inexpensive 3.579 MHz Colorburst Crystal
- Hex or Binary 2-of-8 Output
- Synchronous or Handshake Controlled Output
- Built-in Filter for Dial Tone Rejection
- 18 Pin Package
- Single 5 Volt $\pm 10\%$ Power Supply
- Early Detect Output
- Pin Compatible with SSI 202/SSI 203

General Description

The CS202 and CS203 are fully integrated DTMF (Dual Tone Multifrequency) receivers that decode the tone pairs used in standard 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

CS202-P - 18 Pin Plastic DIP
CS203-P - 18 Pin Plastic DIP
All standard 300 mil DIPs

Block Diagram

