

Encoder/Transmitter 18-Pin PDIP

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|----------------------|--------------------------------|
| Manufacturer: | <u>Texas Instruments, Inc</u> |
| Package/Case: | DIP18 |
| Product Type: | Communication & Networking ICs |
| Lifecycle: | Unconfirmed |



Images are for reference only

[Inquiry](#)

General Description

The LM1871N is a monolithic FM stereo demodulator that integrates various functions required for FM stereo demodulation, including carrier detection, stereo blending, and audio filtering. It is designed to extract stereo audio signals from FM radio broadcasts.

Key Features

FM stereo demodulation: The LM1871N is specifically designed for demodulating FM stereo signals.

Carrier detection: It includes a carrier detection circuit that ensures reliable demodulation and helps maintain stereo reception.

Stereo blending: The LM1871N incorporates a stereo blending circuit, which allows smooth switching between stereo and mono audio output.

Audio filtering: It features built-in audio filtering to remove noise and improve audio quality.

Wide operating voltage range: The LM1871N can operate within a wide voltage range, typically from 4.5V to 12V.

Low power consumption: It is designed to be power-efficient, making it suitable for battery-powered applications.

Application

The LM1871N is commonly used in FM stereo receivers, portable radios, car audio systems, and other applications where FM radio reception and stereo demodulation are required. It allows for the extraction of high-quality stereo audio signals from FM radio broadcasts.



Recommended For You

LM1972M

Texas Instruments, Inc
SOP20

LM1496N

Texas Instruments, Inc
DIP14

LM1971M

Texas Instruments, Inc
SOP-8

LMH2120UM/NOPB

Texas Instruments, Inc
DSBGA-6

LMX2541SQE2060E/NOPB

Texas Instruments, Inc
WQFN-36

LM1971MX/NOPB

Texas Instruments, Inc
8-SOIC

LMP91051MI/NOPB

Texas Instruments, Inc
14-TSSOP

LMX2470SLEX/NOPB

Texas Instruments, Inc
QFN

LMH2110TMX/NOPB

Texas Instruments, Inc
DSBGA-6

LMH2110TM/NOPB

Texas Instruments, Inc
DSBGA6

LMV221SD

Texas Instruments, Inc
QFN

LM1496M

Texas Instruments, Inc
SOP14

LMV225SD

Texas Instruments, Inc
WSO6

LMH2110TM

Texas Instruments, Inc
SMD-6

LM1972M/NOPB

Texas Instruments, Inc
SOP20