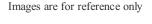


LM1871N

Encoder/Transmitter 18-Pin PDIP

Manufacturer:	Texas Instruments, Inc.
Package/Case:	DIP18
Product Type:	Communication & Networking ICs
Lifecycle:	Unconfirmed





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

Application

FM stereo demodulation: The LM1871N is specifically 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

Carrier detection: It includes a carrier detection circuit extraction of high-quality stereo audio signals from FM radio broadcasts. 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 powerefficient, making it suitable for battery-powered applications.



Recommended For You

LM1972M Texas Instruments, Inc SOP20

LMH2120UM/NOPB

Texas Instruments, Inc

DSBGA-6

LMP91051MT/NOPB

Texas Instruments, Inc 14-TSSOP

LMH2110TM/NOPB

Texas Instruments, Inc DSBGA6

LMV225SD Texas Instruments, Inc WSON6

LM1496N	
Texas Instruments, Inc	
DIP14	

LMX2541SQE2060E/NOPB

Texas Instruments, Inc WQFN-36

LMX2470SLEX/NOPB

Texas Instruments, Inc QFN

LMV221SD Texas Instruments, Inc QFN

LMH2110TM Texas Instruments, Inc SMD-6 LM1971M

Texas Instruments, Inc SOP-8

LM1971MX/NOPB

Texas Instruments, Inc 8-SOIC

LMH2110TMX/NOPB Texas Instruments, Inc DSBGA-6

LM1496M Texas Instruments, Inc SOP14

LM1972M/NOPB Texas Instruments, Inc SOP20