



*Audio Silicon
Specialists™*

T-79-25

SSM-2132DUAL AUDIO
OPERATIONAL AMPLIFIER

Precision Monolithics Inc.

ADVANCE PRODUCT INFORMATION**FEATURES**

- Low Input Noise Voltage $6\text{nV}/\sqrt{\text{Hz}}$
- High Slew Rate $15\text{V}/\mu\text{s}$
- Low Supply Current (per Amplifier) 4mA
- High Output Drive 10V_{RMS} into 600Ω
- Wide Gain Bandwidth Product 16MHz
- Extended Industrial Temperature Range -40°C to $+85^\circ\text{C}$
- Unity-Gain Stability
- Low Cost

APPLICATIONS

- Audio Mix Consoles
- Dynamic Range Processors
- Power Amplifiers
- Consumer Hi-Fi Equipment
- Graphic and Parametric Equalizers
- Audio Test and Measurement Equipment

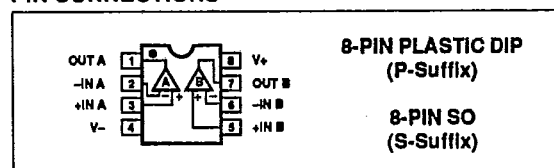
ORDERING INFORMATION

PACKAGE		OPERATING TEMPERATURE RANGE
PLASTIC 8-PIN	SO 8-PIN	
SSM2132P	SSM2132S	XIND*

* XIND = -40°C to $+85^\circ\text{C}$ **GENERAL DESCRIPTION**

The SSM-2132 is a high performance upgrade to the audio industry standard 5532 operational amplifier. All performance parameters have been optimized for high performance professional and consumer audio systems.

Low input noise, high output drive, excellent slew rate and bandwidth, and unity-gain stability are the key attributes of the SSM-2132. A further improvement is a 50 percent reduction in current consumption, resulting in cooler operation. Finally, the SSM-2132 is the only direct replacement to the 5532 that is available in an 8-pin SO package.

PIN CONNECTIONS

This advance product information describes a product in development at the time of this printing. Final specifications may vary. Please contact local sales office or distributor for final data sheet.