

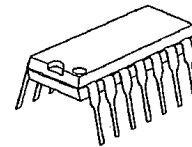
AUDIO FILTER AMPLIFIER

■ GENERAL DESCRIPTION

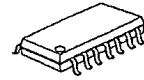
The NJM2133 is a dual audio filter amplifier for digital audio. It includes two-channel voltage follower, capacitors, and resistors for Low Pass Filter. It also includes standby function which applies to low consumption power design.

It is suitable for CD, CD-ROM, DVD, and any other digital audio equipments.

■ PACKAGE OUTLINE



NJM2133D



NJM2133M

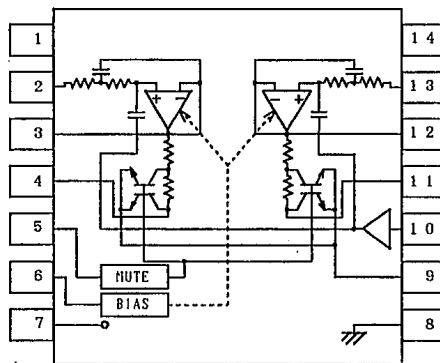


NJM2133V

■ FEATURES

- Single Supply
- Operating Voltage (V⁺=4.5~5.5V)
- Internal voltage follower (Two channels)
- Internal C and R for LPF
- Standby Function
- Mute Function
- High S/N Ratio (86dB typ.)
- Bipolar Technology
- Package Outline DIP14, DMP14, SSOP14

■ PIN CONFIGURATION



NJM2133D
NJM2133M
NJM2133V

PIN FUNCTION

- 1: NC
- 2: IN1
- 3: OUT1
- 4: MUTE1
- 5: MUTE
- 6: STANDBY
- 7: V⁺
- 8: GND
- 9: REF2
- 10: REF1
- 11: MUTE 2
- 12: OUT2
- 13: IN2
- 14: NC

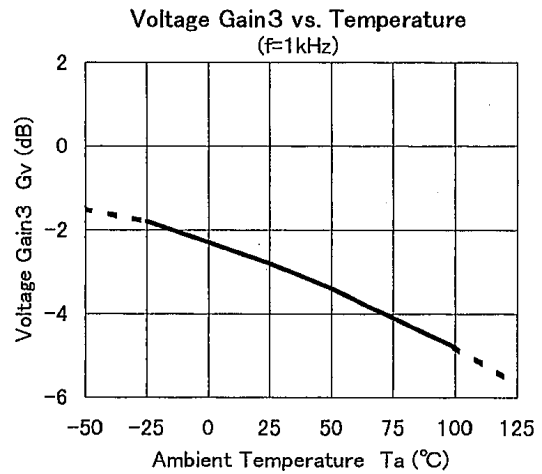
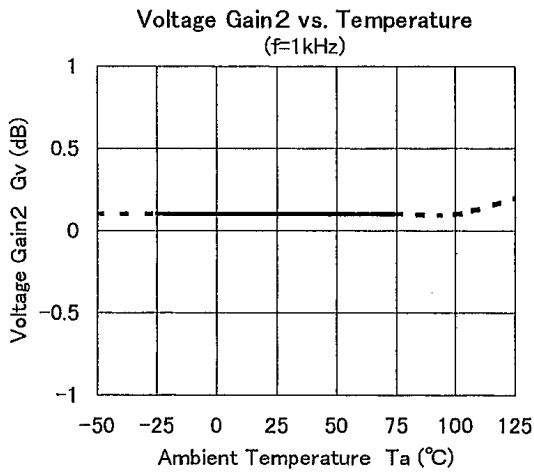
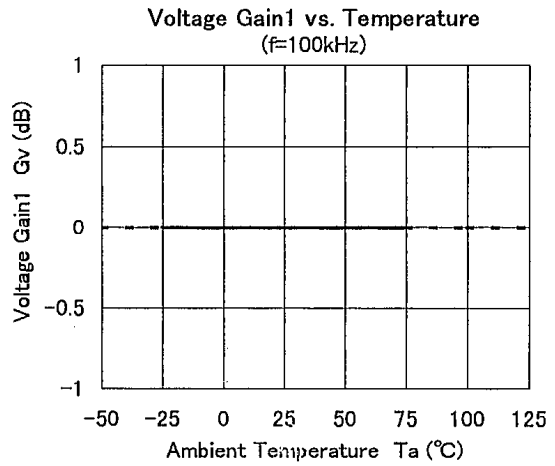
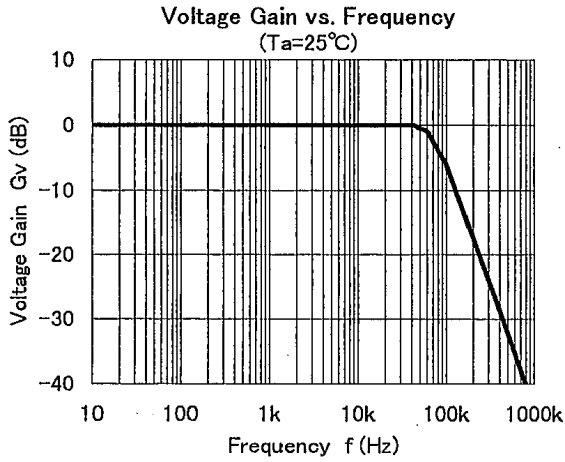
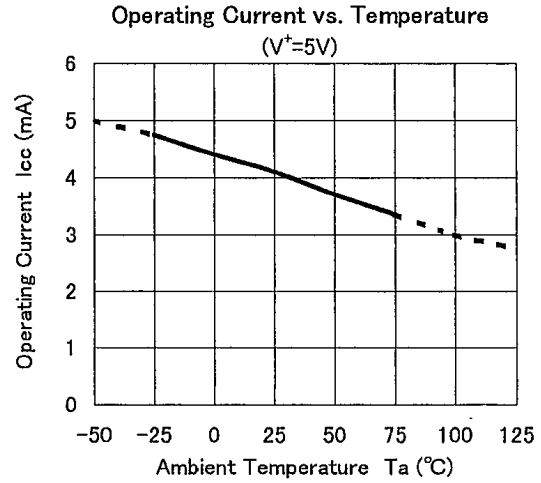
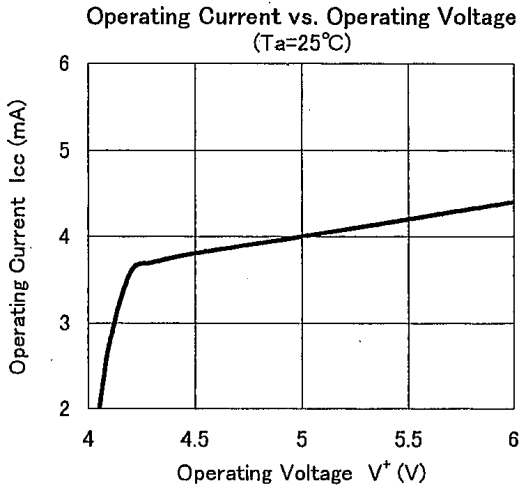
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■ ABSOLUTE MAXIMUM RATINGS

(T_a=25°C)

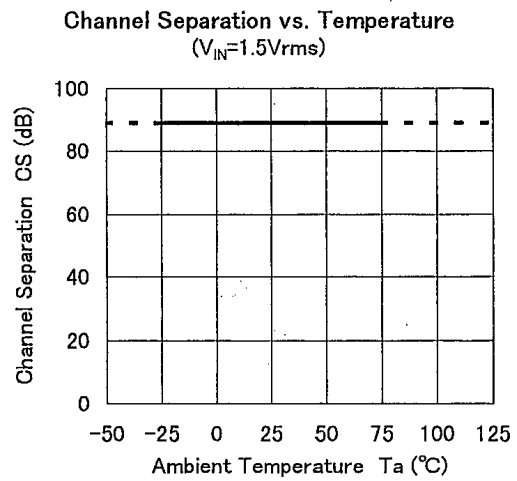
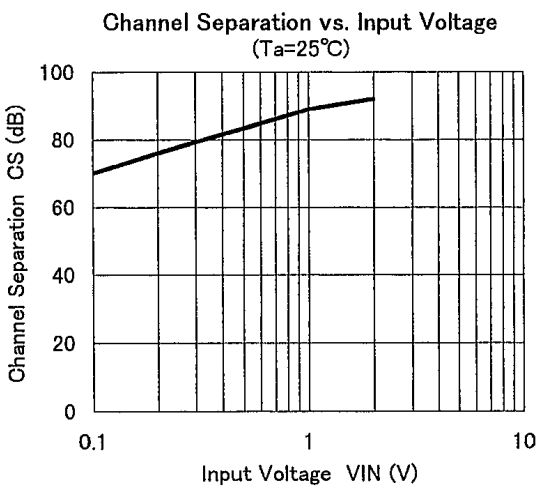
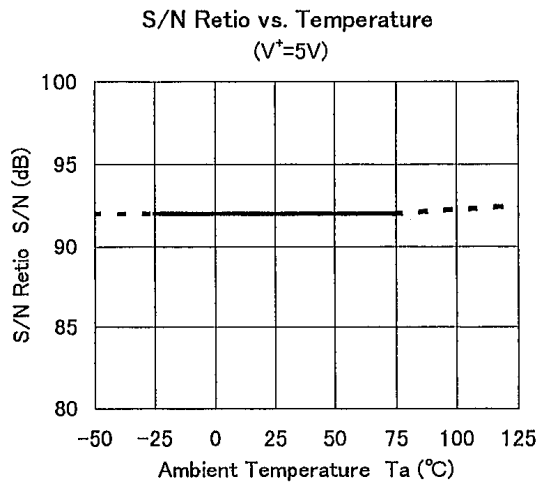
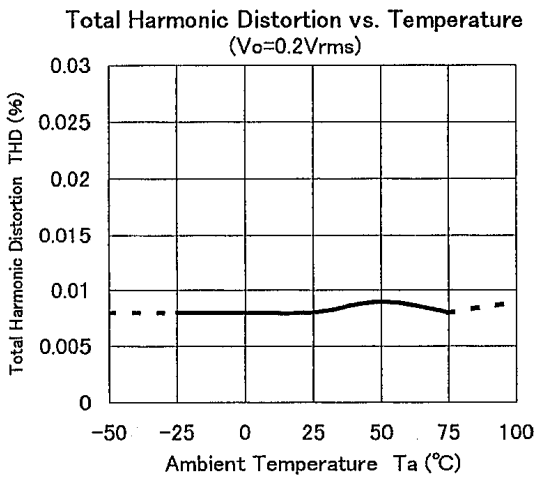
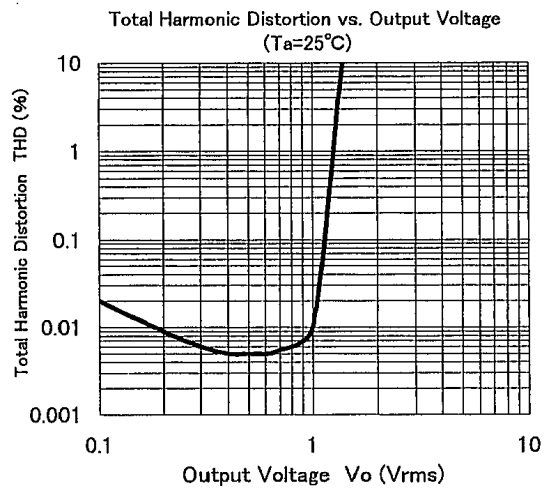
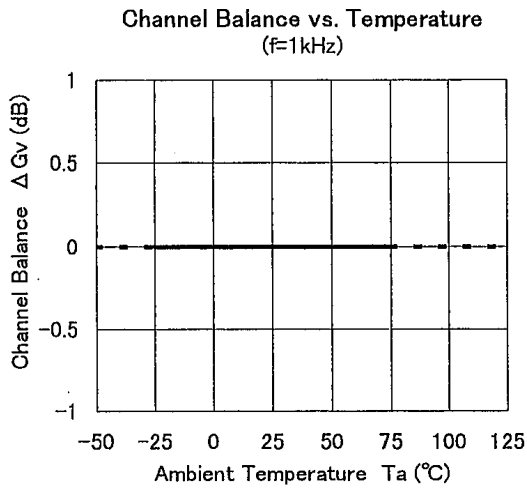
PARAMETER	SYMBOL	RATINGS	UNIT
Supply Voltage	V ⁺	12	V
Power Dissipation	P _D	(DIP8) 700 (DMP8) 300 (SSOP8) 300	mW
Operating Temperature Range	T _{opr}	-25~+75	°C
Storage Temperature Range	T _{stg}	-40~+125	°C

TYPICAL CHARACTERISTICS



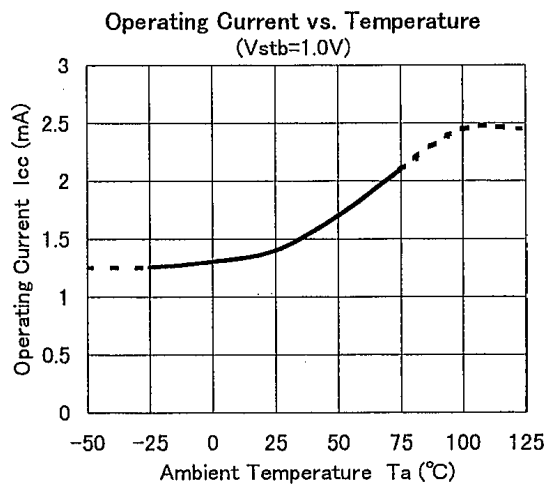
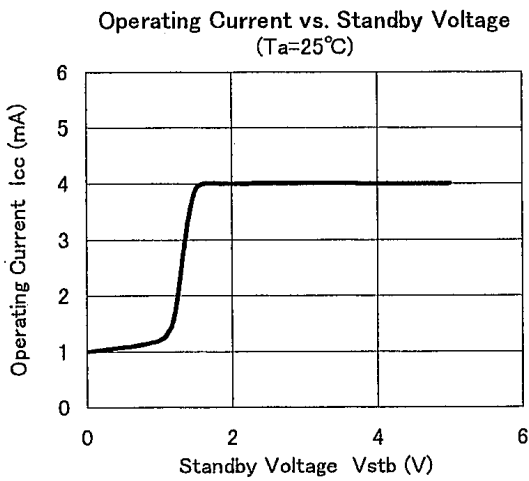
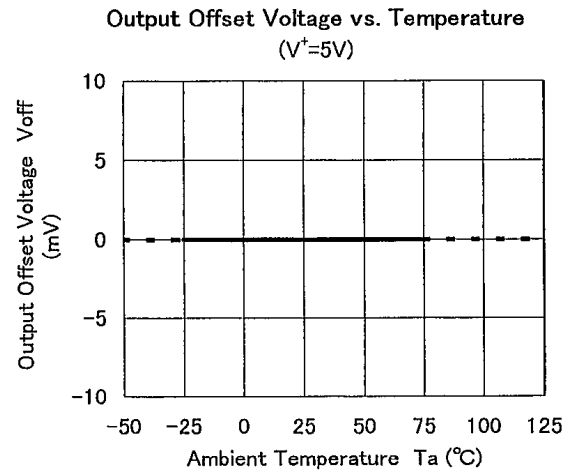
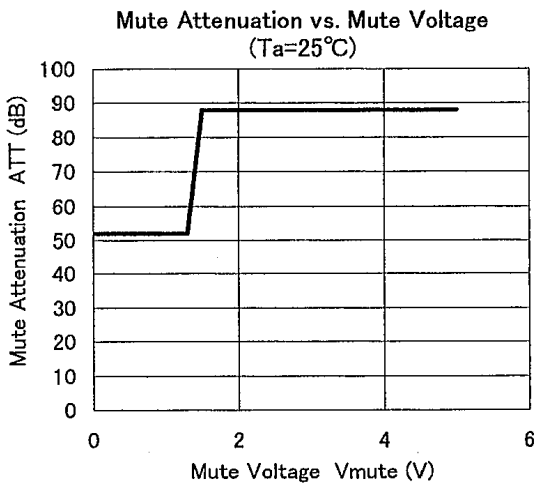
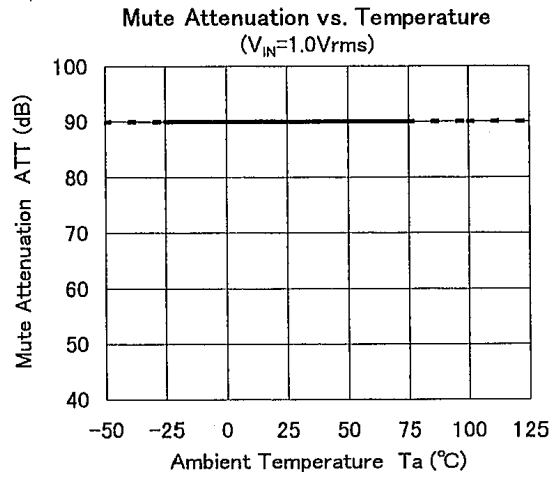
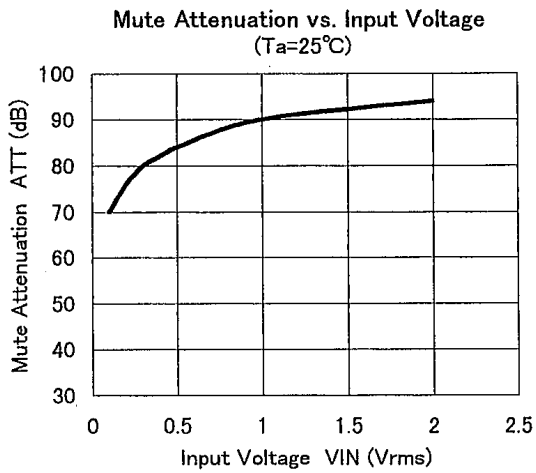
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■ TYPICAL CHARACTERISTICS



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TYPICAL CHARACTERISTICS



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MEMO

[CAUTION]

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