

LOW POWER VIDEO AMPLIFIER WITH Y-C MIXER

■ GENERAL DESCRIPTION

The **NJM2274** is a low power, 3V operation video amplifier with Y/C mixer and 75 ohm driver, which connect TV monitor directly.

The NJM2274 has mute function, and suitable for energy save products and any low power system, which are Digital Camera, DVC and other video amplifier system.

■ PACKAGE OUTLINE

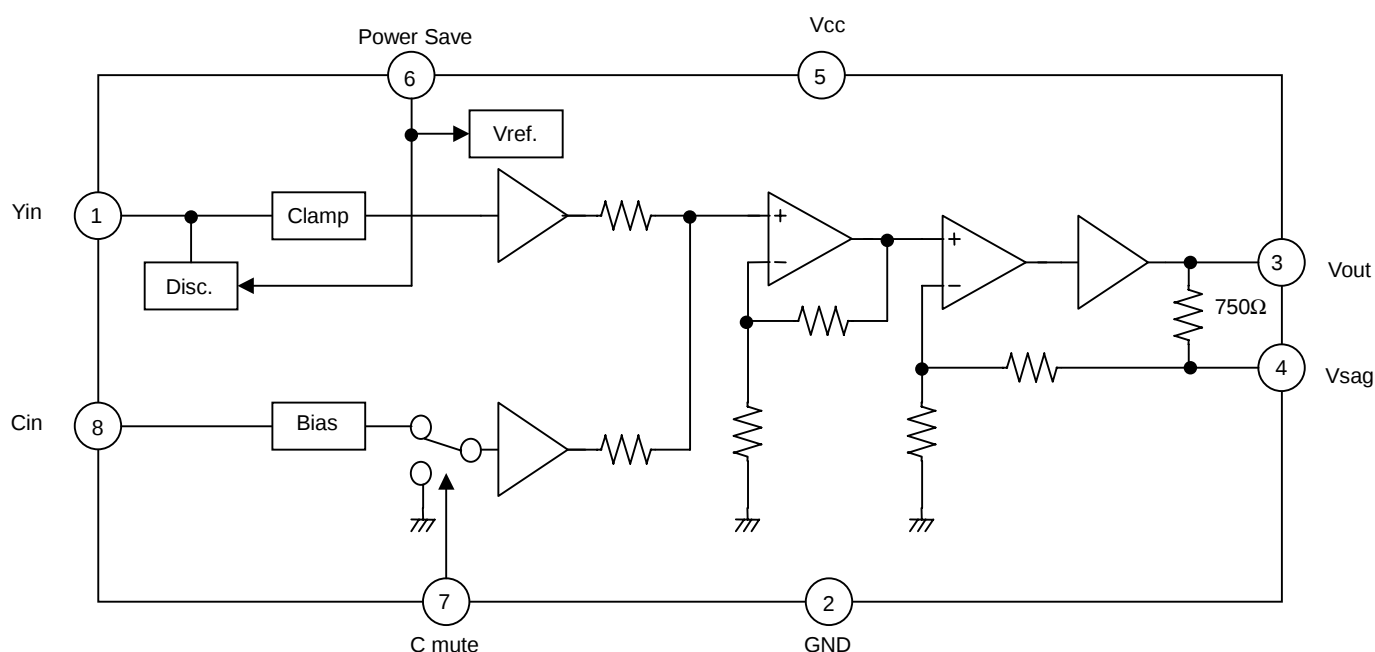


NJM2274R

■ FEATURES

- Low Operating Voltage 2.8 to 5.5V
- Internal Y/C MIX Circuit
- Y-input : Clamp
- C-input : Bias
- Operating Current 9.3mA typ. at $V^+=3.0V$
- Operating Current at Power Save 0.9mA typ. at $V^+=3.0V$
- Bipolar Technology
- Package Outline VSP8

■ BLOCK DIAGRAM



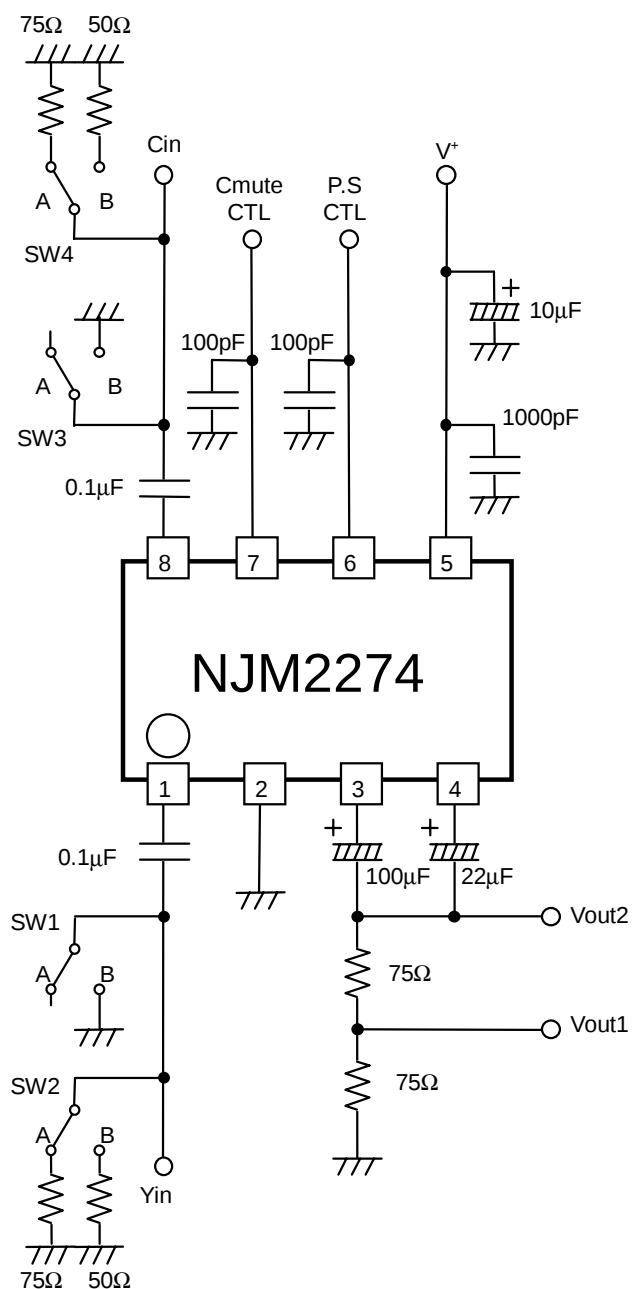
(Ta=25°C)

PARAMETER	SYMBOL	HEURISTIC CONDITION	MIN	MAX	UNIT
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■ CONTROL TERMINAL EXPLANATION

PARAMETER	STATUS	NOTE
Chroma Mute	H	Chroma Mute : ON
	L	Chroma Mute : OFF
	OPEN	Chroma Mute : OFF
Power Save	H	Power Save : OFF
	L	Power Save : ON
	OPEN	Power Save : ON

■ TEST CIRCUIT



MEMO

[CAUTION]
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