

NJRC's Video IC Line-up, featuring the NJM2505

NJR
NEWS

2005 **54**

August 3, 2005

NJM2505

NJRC Bipolar Video IC series

This newsletter talks about NJRC'S Isolation Amplifier for Car Electronics, the NJM2505.

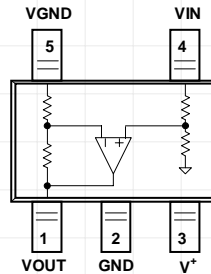
FEATURES

- **Operating Voltage:** +4.5V to +9.0V
- **Sync Chip Clamp Circuit**
- **Common Mode Rejection Ratio:** -55dB (typ.)
- **Voltage Gain:** 0dB (typ.)
- **Frequency Characteristics:** 0dB (typ.) at 10MHz
- Bipolar Technology
- Package Outline: SOT-23-5

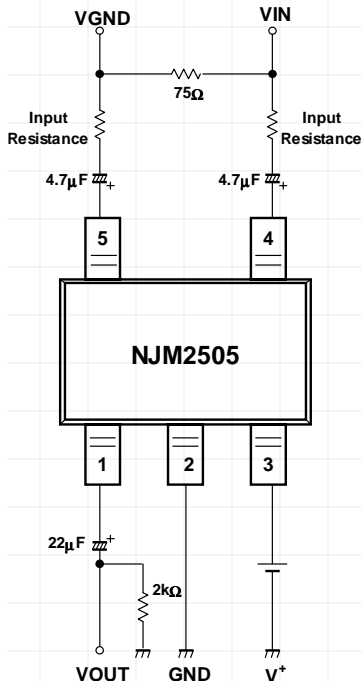
APPLICATIONS

For interfacing of the video signal in
a car AV system.

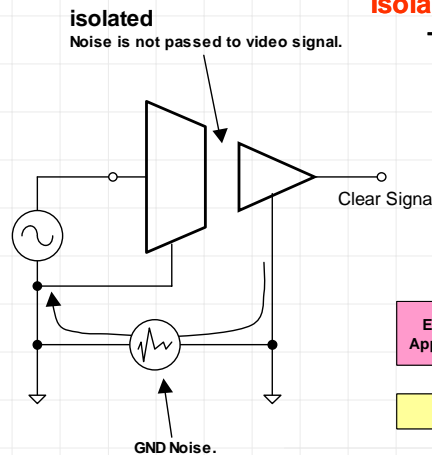
BLOCK DIAGRAM



APPLICATION CIRCUIT

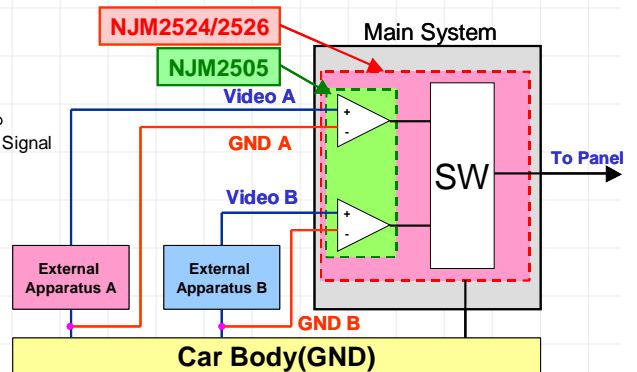


TECHNICAL ADVANTAGE



Isolation amplifier Application for Car AV System

The noise is removed with the Isolation amplifier



ASSOCIATED PRODUCTS

NJM2524: 2-input 1-output 3-circuit **Video Switch** /w Isolation Amplifier

NJM2526: 4-input 1-output **Video Switch** /w Isolation Amplifier



NJR CORPORATION

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