

Single-Supply, High-Speed Single Operational Amplifier

NEW

NJM2716

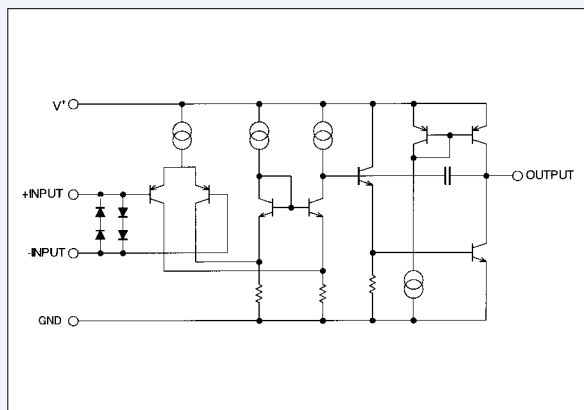
■ GENERAL DESCRIPTION

The NJM2716 is single-supply single high-speed operational amplifier, which can operate from 2.7V supply. It is applicable to A/D converter, FAX, scanner, and other high-speed signal application, which require the single-supply operation and high slew rate.

■ FEATURES

- Operating Voltage : 2.7V- 12V
- Slew Rate : 40V/μs typ.
- Unity Gain : 30MHz
- Output Voltage : $V^+ - 0.5V - GND + 0.05V$ typ.
- Bipolar Technology
- Package : MTP5

■ EQUIVALENT CIRCUIT



Ultra-High-Speed Hex Operational Amplifier

NEW

NJM2710 **DATA SHEET**

■ GENERAL DESCRIPTION

The NJM2710 is an ultra-high-speed hex operational amplifier. The gain bandwidth is 1GHz and slew rate is 260V/μs at $\pm 2.5V$ operation. It is suitable for communications equipment, digital broadcast system, high quality scanner, CATV, and high-speed digital communication system, which require the high-speed analog signal processing.

■ FEATURES

- Operating Voltage : 2.0V- 4.5V
- Slew Rate : 260V/μs typ. @2k/10p
- Unity Gain : 180MHz
- Output Voltage : 1.5V typ. @1kΩ
- Bipolar Technology
- Package : DMP/SSOP20

■ EQUIVALENT CIRCUIT (1/6 Shown)

