

Low-Operating-Current Tiny Single Operational Amplifier



NJU7007

DATA SHEET

Low-Operating-Current Tiny Single Operational Amplifier



NJU7008

DATA SHEET

■ GENERAL DESCRIPTION

The NJU7007 is a low-operating current (15 μ A typ.) and low-offset-voltage (4mV max.), single operational amplifier.

There are excellent features of C-MOS technology such as output signal swing between both of the supply rails, very high input impedance and ground sensing.

Further more, NJU7007 is packaged with SC88A.

■ FEATURES

- Low Current Consumption : 15 μ A typ.
- Low Operating Voltage : 1.0- 5.5V
- Low Input Offset Voltage : 4mV max. @3V
- Wide Output Swing Range : 2.9V min. @3V
- High Input Impedance : 1T Ω
- Low Bias Current : 1pA typ.
- Ground Sensing
- C-MOS Technology
- Package : SC88A

■ EQUIVALENT CIRCUIT

■ GENERAL DESCRIPTION

The NJU7008 is a low-operating current (200 μ A typ.) and low-offset-voltage (4mV max.), single operational amplifier.

There are excellent features of C-MOS technology such as output signal swing between both of the supply rails, very high input impedance and ground sensing.

Further more, NJU7008 is packaged with SC88A.

■ FEATURES

- Low Current Consumption : 15 μ A typ.
- Low Operating Voltage : 1.0- 5.5V
- Low Input Offset Voltage : 4mV max. @3V
- Wide Output Swing Range : 2.9V min. @3V
- High Input Impedance : 1T Ω
- Low Bias Current : 1pA typ.
- Ground Sensing
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■ EQUIVALENT CIRCUIT

