

LOW POWER SINGLE CHANNEL OP-AMP

The NJM8020/NJM8021 are single OP-Amps designed specifically to operate wide range of supply voltage and temperature.

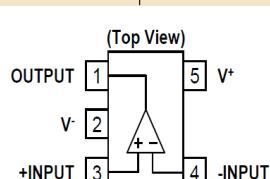
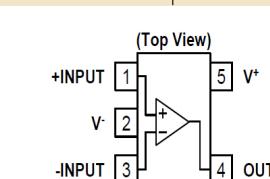
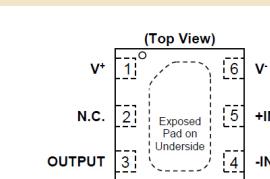
These OP-Amps featured low input offset voltage of 2 mV max. low supply current of 0.7mA max. DC characteristics are also 100% tested and guaranteed from -40 to 125 °C. The NJM8020/NJM8021 are available in DFN6-G1 (1616) of small size package, significantly reducing the required portable application's board area.

FEATURES (V₊=5V, V₋=0V, TA=25°C)

- Guaranteed Temperature -40°C to +125°C
- Input Offset Voltage 2 mV max.
- Input Offset Voltage Drift 17 μ V/°Cmax.
- Supply Current 0.7 mA max.
- Operating Voltage +3 V to +36 V
or \pm 1.5 V to \pm 18 V
EMIRR = 84 dB typ.
 $\text{@ } f = 1.8 \text{ GHz}$
1.1 MHz typ.
- Integrated EMI filter
- GBW
- GND sencing
- Internal ESD protection Human Body Model
 \pm 2000 V typ.
- Package

NJM8020	SOT-23-5, SC-88A
NJM8021	SOT-23-5, SC-88A, DFN6-G1(ESON6-G1)

PIN CONFIGURATION

Parts Number	NJM8020F	NJM8020F3	NJM8021F	NJM8021F3	NJM8021KG1
Package Outline	SOT-23-5	SC-88A	SOT-23-5	SC-88A	DFN6-G1(*)
Pin Function	  				

EQUIVALENT CIRCUIT

