

NJRC's NJU7034 vs. National's LMC660 and TI's TLC2274

Parameter (@25°C)	NJRC NJU7034	National LMC660	TI TLC2274
Supply Voltage Range	✓ 3 ~ 16V	5 ~ 15V	4.4 ~ 16V
Input Offset Voltage	2mV Typ.	1mV Typ.	0.3mV Typ.
Input Offset Current	1pA	1pA	0.5pA
Input Bias Current	1pA	2pA	1pA
Input Impedance	1TΩ	1TΩ	1TΩ
Large Signal Voltage Gain	95dB	114dB	91dB
Common Mode Voltage Range @ V _{DD} =10V	✓ 0 ~ 9V Min.	0 ~ 7.6V Min.	0 ~ 8V Min.
Common Mode Rejection Ratio	75dB	83dB	80dB
Power Supply Rejection Ratio	75dB	83dB	95dB
Supply Current	4mA	2.9mA	4.8mA
Slew Rate	3.5V/μsec	1.1V/μsec	3.6V/μsec
Unity Gain Bandwidth	1.5MHz	1.4MHz	2.25MHz
Maximum Output Voltage Swing @ V _{DD} =10V	9.98V @R _L =1MΩ	9.54V @R _L =2KΩ	9.3V @R _L =10KΩ
Output Sink Current @ V _{DD} =5V	✓ 16.4mA	13mA	13mA
Input Noise Voltage in nV/√Hz	@V _{DD} =10V	@V _{DD} =+/-7.5V	@V _{DD} =10V
100 Hz:	47	80	17
1 KHz:	18	42	9.5
10KHz:	13	35	8

✓ Advantage: **NJRC**

NOTE: This data has been extracted from NJRC Bipolar IC, National General Products Linear Devices, and TI Operational Amplifiers and Comparators databooks.