

Low Noise I/O Full-Swing OP-AMPS

NJM273x series

Increased dynamic range for low operating voltage designs!

NJR's I/O Full-Swing OP-AMP provides Flexible Design Solutions for any kind of low voltage designs!

Features

- I/O Full-Swing; Wide Head-Room design
Smooth connection with A/D and D/A converters
- Top Ranked Low Noise; 5nV/ $\sqrt{\text{Hz}}$ (NJM2737); Expands the dynamic range
Same Noise Level as the High Performance NJM5532
- High Phase Margin; Ultra stable operation even at Unity Gain
- Low Operating Voltage; Works from 1.8V DC; Optimized for low operating voltage A/D and D/A converters
Best fit for battery operated designs
- Low Operating Current; 580uA (NJM2732); Perfect for battery operated portable applications
Perfect for USB powered audio peripherals

P/N	Circuit	I/O Full-Swing	V+ (V)	Total Iq (mA)	Noise (nV/ $\sqrt{\text{Hz}}$)	Phase-Margin (deg)	SR (V/ μsec)	GBW (MHz)	Package
NJM2730	Single	yes	1.8 to 5.0	0.32	10	75	0.4	1	MTP5
NJM2732	Dual	yes	1.8 to 6.0	0.58	10	75	0.4	1	DMP8,TVSP8
NJM2737	Dual	yes	1.8 to 6.0	1.2	5	70	0.7	3.5	DIP8,DMP8,SSOP8,TVSP8

Target Applications

- Filters, Buffers, Amps for low operating voltage A/D & D/As.
- PDAs, PC Sound Cards, USB Audios, Hands Free Sets, Cam Coders, Digital Cameras, LapTops.
- Any kind of low operating voltage / battery operated portable equipment designs
- High-Side/Low-Side sensing applications

Now Available!

The World's Best Source for High Quality ICs using Bipolar, CMOS, BiCMOS and GaAs Technologies and Saw filters



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