Fet Input Low Distortion Operational Amplifier Rev A

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Fet Input Low Distortion Operational

circuit performance yield very low harmonic distortion. The result is an op amp with exceptional sound quality. The low-noise FET input of the OPA604 provides wide dynamic range, even with high source impedance. Offset voltage is laser-trimmed to minimize the need for interstage coupling capacitors. The OPA604 is available in 8-pin plastic mini-DIP and SO-8

FET-Input, Low Distortion Operational Amplifier datasheet ...

The OPA2604 is a dual, FET-input operational ampli-fier designed for enhanced AC performance. Very low distortion, low noise and wide bandwidth provide superior performance in high quality audio and other applications requiring excellent dynamic performance. New circuit techniques and special laser trimming of

Dual FET-Input, Low Distortion Operational Amplifier

The FET-input architecture achieves a low 2.9-nV/√ Hz voltage noise density and 6-fA/√ Hz current noise density, allowing for very low noise performance in a wide variety of circuits. The high bandwidth and high open-loop-gain design of the OPA1656 delivers a low distortion of 0.000035% (–129 dB) at 20 kHz, and improves audio signal fidelity across the full audio bandwidth.

OPA1656 data sheet, product information and support | TI.com

FET-Input, Low Distortion OPERATIONAL AMPLIFIER APPLICATIONS PROFESSIONAL AUDIO EQUIPMENT PCM DAC I/V CONVERTER SPECTRAL ANALYSIS EQUIPMENT ACTIVE FILTERS TRANSDUCER AMPLIFIER DATA ACQUISITION OPA604 DESCRIPTION The OPA604 is a FET-input operational amplifier designed for enhanced AC performance. Very low distortion, low noise and wide bandwidth provide

FET-Input, Low Distortion OPERATIONAL AMPLIFIER

FET-Input, Low Distortion OPERATIONAL AMPLIFIER APPLICATIONS PROFESSIONAL AUDIO EQUIPMENT PCM DAC I/V CONVERTERS SPECTRAL ANALYSIS EQUIPMENT ACTIVE FILTERS TRANSDUCER AMPLIFIERS DATA ACQUISITION OPA604 DESCRIPTION The OPA604 is a FET-input operational amplifier designed for enhanced AC performance. Very low distortion, low noise

FET-Input, Low Distortion Operational Amplifier (Rev. A

j-fet input low-offset dual operational amplifier Dual OPERATIONAL AMPLIFIER µPC4094 is a high-speed version of the µPC4092. NECs unique high-speed PNP transistor (fT = 300 MHz) in the output stage realizes a high slew rate of 25 V/µs under voltage-fol Low er conditions without an oscillation problem.

FET-INPUT, LOW DISTORTION OPERATIONAL AMPLIFIER Datasheet PDF

The OPA2604 is a dual, FET-input operational amplifier designed for enhanced AC performance. Low distortion, low noise, and wide bandwidth provide superior performance in high quality audio and other applications requiring dynamic performance. 7.2 Functional Block Diagram 7.3 Feature

Description 7.3.1 Distortion

Dual FET-Input, Low-Distortion Operational Amplifier (Rev. A)
The effect is well demonstrated with a TL07x FET-input op amp, ... Low-distortion, shunt overvoltage protection using current-liming MOSFETs for improved noise and bandwidth.

Input Protection for Low-Distortion Op-Amp Circuits ...
circuit performance yield very low harmonic distortion. The result is an op amp with exceptional sound quality. The low-noise FET input of the OPA604 provides wide dynamic range, even with high source impedance. Offset voltage is laser-trimmed to minimize the need for interstage coupling capacitors. The OPA604 is available in 8-pin plastic mini-DIP and SO-8

SEPTEMBER 2003 FET-Input, Low Distortion OPERATIONAL AMPLIFIER
FET-Input, Low Distortion OPERATIONAL AMPLIFIER APPLICATIONS PROFESSIONAL AUDIO EQUIPMENT PCM DAC I/V CONVERTERS SPECTRAL ANALYSIS EQUIPMENT ACTIVE FILTERS TRANSDUCER AMPLIFIERS DATA ACQUISITION OPA604 DESCRIPTION The OPA604 is a FET-input operational amplifier designed for enhanced AC performance. Very low distortion, low noise

FET-Input, Low Distortion Operational Amplifier (Rev. A)
Analog Devices JFET input op amps or FastFET™ high speed (>50 MHz) input op amps provide high input impedance and ultralow input bias currents for high speed applications. The majority of our FET input op amps feature wide supply ranges from +5 V to ±12 V or higher and feature rail-to-rail outputs enabling wide dynamic range.

JFET Input Op Amps | Analog Devices
The LTC6268/LTC6269 is a single/dual 500MHz FET-input operational amplifier with extremely low input bias current and low input capacitance. It also features low input-referred current noise and voltage noise making it an ideal choice for high speed transimpedance amplifiers, CCD output buffers, and high-impedance sensor amplifiers. Its low distortion makes the LTC6268/LTC6269 an ideal amplifier for driving SAR ADCs. It operates on 3.1V to 5.25V supply and consumes 16.5mA per amplifier.

LTC6269 Datasheet and Product Info | Analog Devices
Fast-Settling Wideband OPERATIONAL AMPLIFIER: OPA602: High-Speed Precision Difet OPERATIONAL AMPLIFIER: Burr-Brown (TI) OPA603: High Speed, Current-Feedback, High Voltage OPERATIONAL AMPLIFIER: OPA604: FET-Input, Low Distortion OPERATIONAL AMPLIFIER: Burr-Brown (TI) OPA606: Wide-Bandwidth Difet OPERATIONAL AMPLIFIER: Burr-Brown (TI) OPA620

OPA660AU Datasheet, PDF - Alldatasheet
Amplifiers using FET input transistors operate in a similar manner to those using bipolar transistors, with some impor-tant advantages. In standard op amp applications, the very low input bias currents reduce the DC error voltage due to a high or possibly unknown source impedance. In most OPA655 applications, the output DC error will be due only +In

Wideband FET-Input Operational Amplifier
item 6 1PC BB OPA2604AP DIP-8 Dual FET-Input, Low-Distortion Operational Amplifier 5 - 1PC BB OPA2604AP DIP-8 Dual FET-Input, Low-Distortion Operational Amplifier. $3.93 +$3.00 shipping. item 7 10PCS BB OPA2604AU Dual FET-Input, Low Distortion OPAMP SOP8 6 - 10PCS BB OPA2604AU Dual FET-Input, ...

OPA2604AP Dual FET-Input Low Distortion Operational ...
Dual FET-Input, Low Distortion OPERATIONAL AMPLIFIER: Burr-Brown (TI) OPA2604APG4: Dual FET-Input, Low Distortion OPERATIONAL AMPLIFIER: OPA2604AUE4: Dual FET-Input, Low Distortion OPERATIONAL AMPLIFIER: Burr-Brown (TI) OPA2604AUG4: Dual FET-Input, Low Distortion OPERATIONAL AMPLIFIER: Burr-Brown (TI) OPA2604AU/2K5: Dual FET-Input, Low ...

OPA2604A Datasheet, PDF - Alldatasheet
The 995FET-Ticha is a high performance discrete operational amplifier designed for professional audio applications and areas where ultra- low noise and extremely low distortion is required. A matched FET input stage is incorporated to provide superior sound quality and speed for

exceptional audio performance.

Model 995FET-Ticha High Performance Features: Discrete ...
General Description: 995FET-Ticha Discrete Operational Amplifier The 995FET-Ticha is a high performance discrete operational amplifier designed for professional audio applications and areas where ultra-low noise, extremely low distortion and highly linear uncolored operation is required.