

ISO124 PRECISION LOWEST COST ISOLATION AMPLIFIER DATASHEET

Sep 23, 2020



[Iso124 Precision Lowest Cost Isolation Amplifier Datasheet](#)

ISO124 SBOS074E –SEPTEMBER 1997–REVISED JUNE 2018 ISO124 ±10-V Input, Precision Isolation Amplifier
1 1 Features 1 • 100% Tested for High-Voltage Breakdown • Rated 1500 Vrms • High IMR: 140 dB at 60 Hz •
Maximum Nonlinearity: 0.010% • Bipolar Operation: VO = ±10 V • Packages: PDIP-16 and SOIC-28 • Ease of
Use: Fixed Unity ...

[Precision Lowest Cost ISOLATION AMPLIFIER](#)

ISO124P ti ISO124, Precision Lowest Cost Isolation Amplifier . FEATURES. q 100% TESTED FOR HIGH-
VOLTAGE BREAKDOWN q RATED 1500Vrms q HIGH IMR: q 0.010% max NONLINEARITY q BIPOLAR
OPERATION: q DIP-16 AND SO-28 q EASE OF USE: Fixed Unity Gain Configuration to ±18V SUPPLY RANGE.
APPLICATIONS. q

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Precision Lowest-Cost ISOLATION AMPLIFIER +VS1 VIN VOUT –VS1 +VS2 Gnd 2 –VS2 Gnd 1 IS O 1 2 4
ISO124 ISO124 SBOS074C – SEPTEMBER 1997 – REVISED SEPTEMBER 2005 www.ti.com PRODUCTION
DATA information is current as of publication date. Products conform to specifications per the terms of Texas
Instruments standard warranty. Production processing does not necessarily include testing of all ...

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Electronic Manufacturer: Part no: Datasheet: Electronics Description: Texas Instruments: ISO124P [Old version
datasheet] Precision Lowest-Cost Texas Instruments: ISO124P [Old version datasheet] Precision Lowest-Cost
Isolation Amplifier Search Partnumber : Start with "ISO124P"-Total : 68 (1/4 Page) Texas Instruments

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Low Cost, Miniature Isolation Amplifiers FEATURES Small Size: 4 Channels/Inch Low Power: 35 mW (AD204)
High Accuracy: 0.025% Max Nonlinearity (K Grade) High CMR: 130 dB (Gain = 100 V/V) Wide Bandwidth: 5 kHz
Full-Power (AD204) High CMV Isolation: 2000 V pk Continuous (K Grade) (Signal and Power) Isolated Power
Outputs Uncommitted Input Amplifier APPLICATIONS Multichannel Data Acquisition ...

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These are stress ratings only, which do not imply functional operation of the device at these or any other conditions
beyond those indicated under Recommended datasheet search, datasheets, Datasheet search site for Electronic
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Nonlinearity is the peak deviation of the output voltage from the best-fit straight line. It is expressed as the ratio of
deviation to FSR.

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The ISO124P is a precision low cost isolation amplifier in 8 pin DIP package. It incorporates a novel duty cycle
modulation and demodulation technique. The signal is transmitted digitally across 2pF differential capacitive barrier.
With digital modulation the barrier characteristics do not affect signal integrity thus resulting in excellent reliability
and high frequency transient immunity ...

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Mouser offers inventory, pricing, & datasheets for Isolation Amplifiers. Skip to Main Content (800) 346-6873 ...
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Texas Instruments ISO124 Isolation Amplifiers are available at Mouser Electronics. Mouser offers inventory,
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Utsource 190077 N/A DIP-8-Precision Lowest Cost Isolation Amplifier 8-PDIP -25 to 85 Inquiry Heng Ke Yuan
Electronics Co.,Ltd. 6500 TI/Texas PDIP(NVF)-8 18+ NEW US \$15.86 JIAJIE Electronics Co.,Ltd. 5000 TI PDIP-8
1411+ IC OPAMP ISOLATION 1 CIRC 16DIP US \$12.11

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Precision Lowest Cost ISOLATION AMPLIFIER, ISO122JP Datasheet, ISO122JP PDF, ???, ??, ????, ??.

[ISO124 - BB - Linear - Amplifiers - Instrumentation, OP ...](#)

Texas Instruments ISO124 Series Isolation Amplifiers are available at Mouser Electronics. Mouser offers inventory,
pricing, & datasheets for Texas Instruments ISO124 Series Isolation Amplifiers.

[ISO124 Texas Instruments Trennverstärker | Mouser Deutschland](#)

ISO120G ti ISO120, Precision Low Cost Isolation Amplifier . FEATURES. 100% TESTED FOR PARTIAL
DISCHARGE ISO120: Rated 1500Vrms ISO121: Rated 3500Vrms HIGH IMR: at 60Hz USER CONTROL OF
CARRIER FREQUENCY LOW NONLINEARITY: ±0.01% max BIPOLAR OPERATION: 0.3-WIDE 24-PIN
HERMETIC DIP, ISO120 SYNCHRONIZATION

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????????????????????IC????????????????????????????????????????.

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Isolation Amplifiers are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Isolation
Amplifiers.

[ISO122 Precision Lowest Cost ISOLATION AMPLIFIER](#)

The DCV01 series is a family of 1W, 1500Vrms isolated, unregulated, isolated DC/DC converters. Requiring a
minimum of external components and including on-chip device protection, the DCV01 series provides extra
features such as output disable and synchronization of switching frequencies. The use of a highly integrated
package design results in highly reliable products with a power density of ...

[Burr-Brown ISO124 Replacement Parts & Analogues | All ...](#)

ISO124 and ISO122 are unity gain isolation amplifier IC offer by Burr-Brown and TEXAS Instruments. Older
isolation amplifiers modules were very costly and big in size and weight. While ISO124 available in SOIC28 and
DIP16 package and low cost. Both IC's consist on two circuits isolated by an 2pF differential capacitive barrier with
PWM ...

[???????????????????????????????????????? \(Isolation Amplifiers ...](#)

Unlike ISOamps, the ISOlinear reference design gives the designer flexibility to craft low-cost, linear isolators that
meet the needs of the end application. For example, the user may elect to relax output ripple requirements to use
a lower order (lower cost) output filter; or modulator performance can be enhanced if higher slew rate op-amps and/
or low-delay comparators are used, and so on ...

[ISO124P - Texas Instruments - Datasheet, Prices ...](#)

An isolation amplifier such as the ISO124 must provide reasonable AC accuracy while withstanding a high-voltage
(kV) applied across the barrier. It is a difficult feat to achieve very high accuracy performance under this condition.
If you review the specifications for the various capacitively-coupled, magnetically-coupled and optically-coupled
analog isolation amplifiers available you will ...

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a Precision, Wide Bandwidth 3-Port Isolation Amplifier AD210 FEATURES High CMV Isolation: 2500 V rms
Continuous 63500 V Peak Continuous Small Size: 1.00" 3 2.10" 3 0.350" Three-Port Isolation: Input, Output, and
Power Low Nonlinearity: 60.012% max Wide Bandwidth: 20 kHz Full-Power (–3 dB) Low Gain Drift: 625 ppm/8C
max High CMR: 120 dB (G = 100 V/V) Isolated Power: 615 V @ 65mA Uncommitted ...

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