ovaga

Operational Amplifier, Single, 1 Amplifier, 600 kHz, 0.3 V/µs, ± 3V to ± 18V, DIP, 8 Pins

Manufacturers	Analog Devices, Inc
Package/Case	CDIP-8
Product Type	Amplifier ICs
RoHS	
Lifecycle	
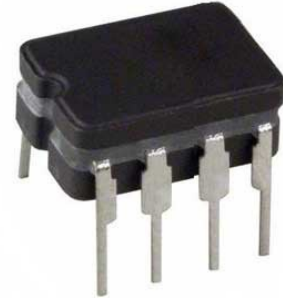
Images are for reference only

Please submit RFQ for OP77EZ or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

The OP77 significantly advances the state-of-the-art in precision op amps. The outstanding gain of 10,000,000 or more for the OP77 is maintained over the full 10 V output range. This exceptional gain-linearity eliminates incorrectable system nonlinearities common in previous monolithic op amps and provides superior performance in high closed-loop gain applications. Low initial VOS drift and rapid stabilization time, combined with only 50 mW of power consumption, are significant improvements over previous designs. These characteristics, plus the exceptional TCVOS of 0.3 µV/°C maximum and the low VOS of 25 µV maximum, eliminates the need for VOS adjustment and increases system accuracy over temperature.

PSRR of 3µV/V (110dB) and CMRR of 1.0µV/V maximum virtually eliminates errors caused by power supply drifts and common-mode signals. This combination of outstanding characteristics makes the OP77 ideally suited for high-resolution instrumentation and other tight error budget systems.

Features

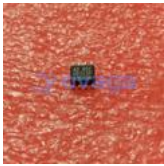Outstanding gain linearity

Ultrahigh gain, 5000 V/mV min

Low VOS over temperature, 55 µV max
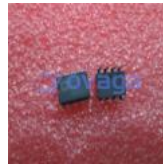
TCVOS, 0.3 µV/°C max

High PSRR, 3 µV/V max

Available in die form

Related Products

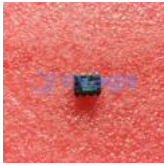**Ovaga Technologies Limited**   Email: sales@ovaga.com

OP213F

Analog Devices, Inc

SMD/DIP-8/SOP-8

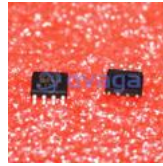**OP42AZ**

Analog Devices, Inc

CDIP-8

OP27GP

Analog Devices, Inc

PDIP-8

OP37GS

Analog Devices, Inc

SOIC-8

OP462GSZ

Analog Devices, Inc

SOIC-14

OP2177ARM

Analog Devices, Inc

MSOP8

OP467GPZ

Analog Devices, Inc

PDIP-14

OP400GPZ

Analog Devices, Inc

PDIP-14