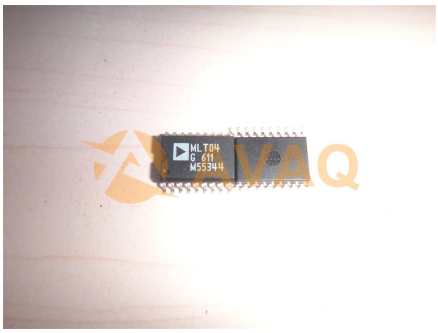
MLT04GS

Analog Multiplier 4Bit 18-Pin SOIC W

Manufacturer:	Analog Devices, Inc
Package/Case:	SOP
Product Type:	Amplifier ICs
Lifecycle:	Obsolete



Images are for reference only

Inquiry

General Description

Key Features

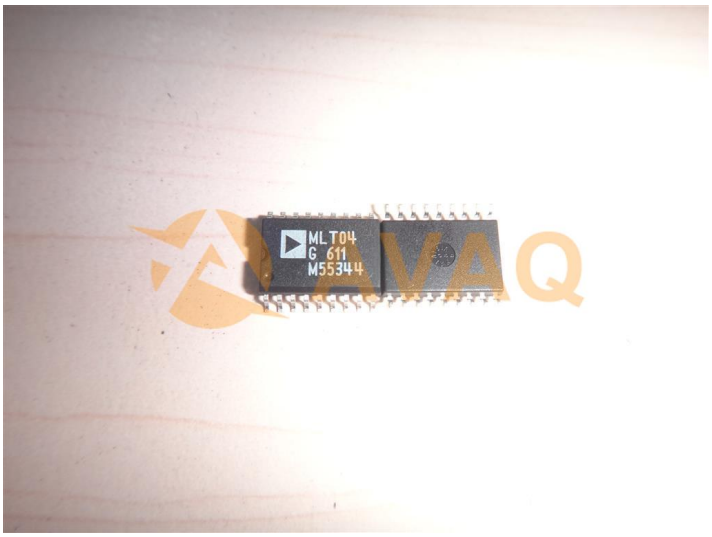
GENERAL DESCRIPTION

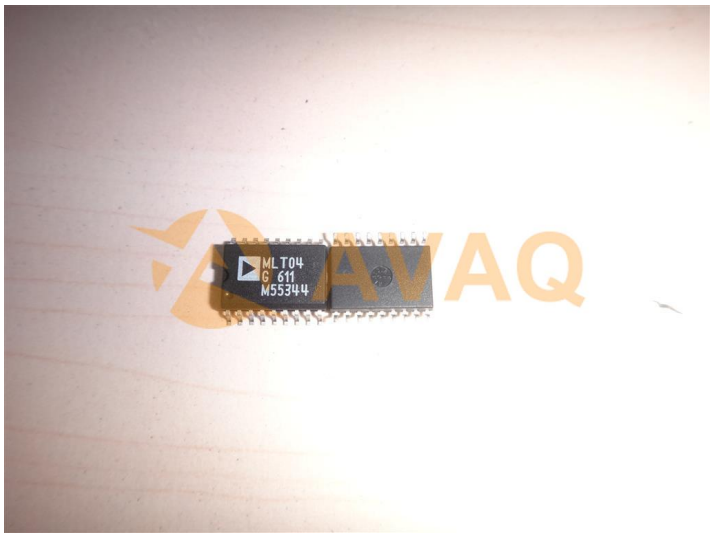
The MLT04 is a complete, four-channel, voltage output analog multiplier packaged in an 18-pin DIP or SOIC-18. These complete multipliers are ideal for general purpose applications such as voltage controlled amplifiers, variable active filters, “zipper” noise free audio level adjustment, and automatic gain control. Other applications include cost-effective multiple-channel power calculations (I × V), polynomial correction generation, and low frequency modulation. The MLT04 multiplier is ideally suited for generating complex, high-order waveforms especially suitable for geometry correction in high-resolution CRT display systems.

- Four Independent Channels
- Voltage IN, Voltage OUT
- No External Parts Required
- 8 MHz Bandwidth
- Four-Quadrant Multiplication
- Voltage Output; W = (X × Y)/2.5 V
  - 0.2% Typical Linearity Error on X or Y Inputs
- Excellent Temperature Stability: 0.005%
- ±2.5 V Analog Input Range
- Operates from ±5 V Supplies
- Low Power Dissipation: 150 mW typ
- Spice Model Available

APPLICATIONS

- Geometry Correction in High-Resolution CRT Displays
- Waveform Modulation & Generation
- Voltage Controlled Amplifiers
- Automatic Gain Control
- Modulation and Demodulation





Recommended For You

MLT04GP

Analog Devices, Inc

DIP18

MLT04GSZ-RL

Analog Devices, Inc

SOP18

MLT04GS-REEL

Analog Devices, Inc

SOIC18

MLT04GSZ

Analog Devices, Inc

SOP18

MLT04GSZ-REEL

Analog Devices, Inc

SOP18

MLT04GPZ

Analog Devices, Inc

18-PDIP

AD8309ARUZ

Analog Devices, Inc

TSSOP16

AD524BDZ

Analog Devices, Inc

CDIP-16

AMP02FPZ

Analog Devices, Inc

DIP8

AD8221BR

Analog Devices, Inc

SOP-8

OP177GSZ

Analog Devices, Inc

SOP8

AD8221ARZ

Analog Devices, Inc

SOP8

OP284ESZ

Analog Devices, Inc

SOP8

AD627BRZ

Analog Devices, Inc

SOP8

AD622ANZ

Analog Devices, Inc

DIP8