ON SEMICONDUCTOR MC33079DR2G Operational Amplifier, 4 Amplifier, 16MHz, 7V/µs, ± 5V to ± 18V, SOIC, 14Pins

Manufacturers	ON Semiconductor, LLC
Package/Case	SOIC-14
Product Type	Amplifier ICs
RoHS	Green
Lifecycle	

Images are for reference only

Please submit RFQ for MC33079DR2G or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

The MC33078/9 series is a family of high quality monolithic op-amps employing Bipolar technology with innovative high performance concepts for quality audio and data signal processing applications. This family incorporates the use of high frequency PNP input transistors to produce amplifiers exhibiting low input voltage noise with high gain bandwidth product and slew rate. The all NPN output stage exhibits no deadband crossover distortion, large output voltage swing, excellent phase and gain margins, low open loop high frequency output impedance and symmetrical source and sink AC frequency performance. The MC33078/9 family offers both dual and is available in the plastic DIP and SOIC packages (P and D suffixes).

Features

Dual Supply Operation: +/-5.0 V to +/-18 V

Low Voltage Noise: 4.5 nV/ Hz

Low Input Offset Voltage: 0.15 mV

Low T.C. of Input Offset Voltage: 2.0 μV/ C

Low Total Harmonic Distortion: 0.002%

High Gain Bandwidth Product: 16 MHz

High Slew Rate: 7.0 V/μs

High Open Loop AC Gain: 800 @ 20 kHz

Excellent Frequency Stability

Large Output Voltage Swing: +14.1 V/ -14.6 V

ESD Diodes Provided on the Inputs

Application

ONSEMI

Related Products

MC33204DR2G

ON Semiconductor, LLC

SOIC-14

MC34074ADG

ON Semiconductor, LLC
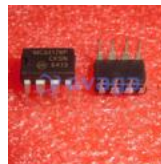
SOIC-14

MC3403DG

ON Semiconductor, LLC

SOIC-14

MC33178P

ON Semiconductor, LLC

DIP-8

MC33074DR2G

ON Semiconductor, LLC

SOIC-14

MC33201PG

ON Semiconductor, LLC

8-PDIP

MC33204DTBR2G

ON Semiconductor, LLC

TSSOP-14

MC34074VDG

ON Semiconductor, LLC

SOIC-14