

ON SEMICONDUCTOR MC33078DR2G Operational Amplifier, Dual, 2 Amplifier, 16MHz, 7V/ $\mu$ s,  $\pm 5V$  to  $\pm 18V$ , SOIC, 8Pins

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	SOIC-8
Product Type	Amplifier ICs
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for MC33078DR2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The MC33078 is a bipolar dual operational amplifier with high-performance specifications for use in quality audio and data-signal applications. This device operates over a wide range of single- and dual-supply voltages and offers low noise, high-gain bandwidth, and high slew rate. Additional features include low total harmonic distortion, excellent phase and gain margins, large output voltage swing with no deadband crossover distortion, and symmetrical sink/source performance.

## Features

- Dual-Supply Operation . . .  $\pm 5V$  to  $\pm 18V$
- Low Noise Voltage . . . 4.5 nV/Hz
- Low Input Offset Voltage . . . 0.15 mV
- Low Total Harmonic Distortion . . . 0.002%
- High Slew Rate . . . 7 V/ $\mu$ s
- High-Gain Bandwidth Product . . . 16 MHz
- High Open-Loop AC Gain . . . 800 at 20 kHz
- Large Output-Voltage Swing . . . 14.1 V to -14.6 V
- Excellent Gain and Phase Margins

## Application

ONSEMI



## Related Products



### [MC33204DR2G](#)

ON Semiconductor, LLC  
SOIC-14



### [MC3403DG](#)

ON Semiconductor, LLC  
SOIC-14



### [MC33074DR2G](#)

ON Semiconductor, LLC  
SOIC-14



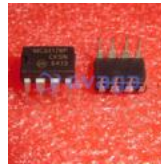
### [MC33204DTBR2G](#)

ON Semiconductor, LLC  
TSSOP-14



### [MC34074ADG](#)

ON Semiconductor, LLC  
SOIC-14



### [MC33178P](#)

ON Semiconductor, LLC  
DIP-8



### [MC33201PG](#)

ON Semiconductor, LLC  
8-PDIP



### [MC34074VDG](#)

ON Semiconductor, LLC  
SOIC-14