

Balanced Modulators/Demodulators, Modulator / Demodulator Balanced Mod/DeMod

Manufacturers	ON Semiconductor, LLC
Package/Case	SOIC-14
Product Type	RF Integrated Circuits
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC1496DG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC1496B was designed for use where the output voltage is a product of an input voltage (signal) and a switching function (carrier). Typical applications include suppressed carrier and amplitude modulation, synchronous detection, FM detection, phase detection, and chopper applications.

Features

Excellent Carrier Suppression—65 dB typ @ 0.5 MHz—50 dB typ @ 10 MHz

Adjustable Gain and Signal Handling

Balanced Inputs and Outputs

High Common Mode Rejection -85 dB typical

Application

ONSEMI



Related Products



[MC1496PG](#)

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PDIP-14



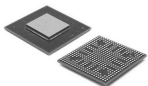
[MC1496PIG](#)

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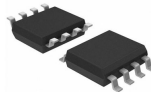
[MC1496DR2](#)

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DPAK-3



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