

RF Modulation / Demodulation IC, 300 MHz Bandwidth, 12 V to 30 V supply, 8 Transistors, SOIC-14



Images are for reference only

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

Please submit RFQ for MC1496BDG 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

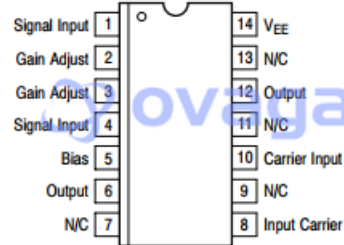
High Common Mode Rejection -85 dB typical

Application

ONSEMI



PIN CONNECTIONS



Related Products



[MC1496PG](#)

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PDIP-14



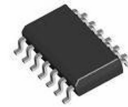
[MC1496DG](#)

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[MC1496DR2](#)

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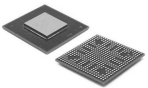
[MC1496PI](#)

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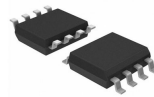
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[EFC8811R-TF](#)

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CSP-6 / EFCP3517-6DGH-020



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