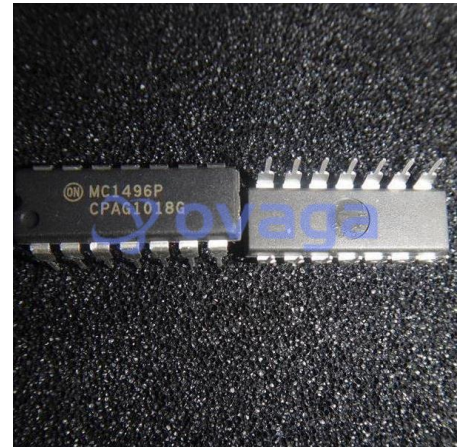


BALANCED MODULATORS/DEMODULATORS, Modulator / Demodulator Balanced Mod/DeMod

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	PDIP-14
Product Type	RF Integrated Circuits
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for MC1496PG 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

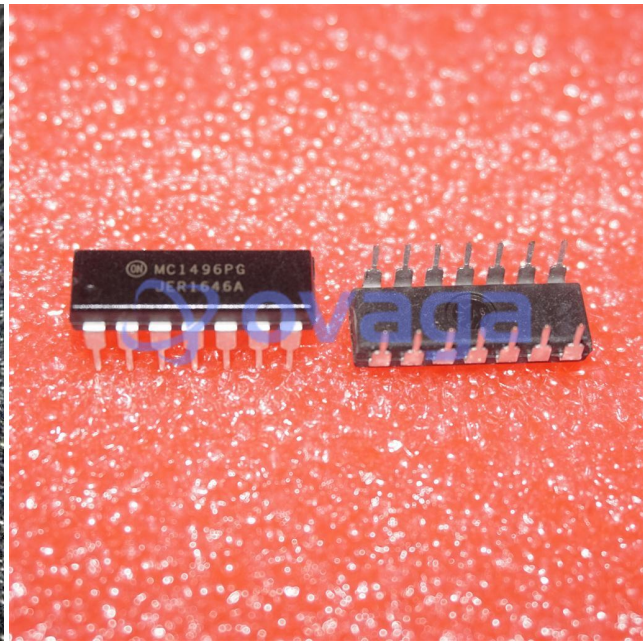
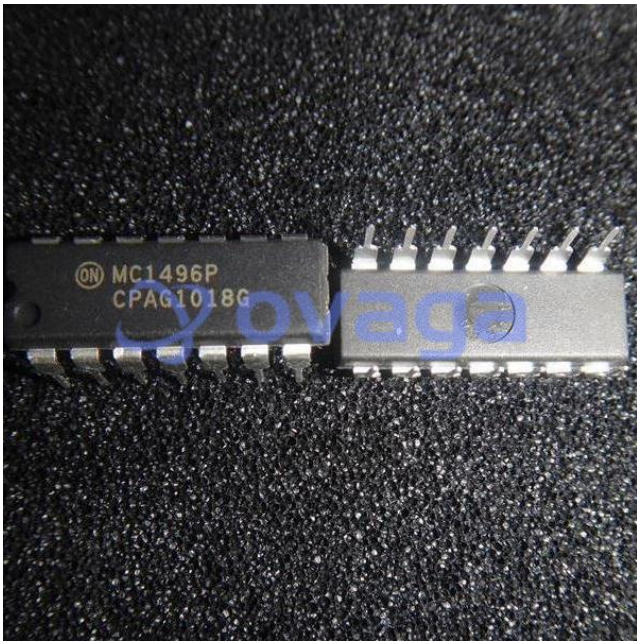
Adjustable Gain and Signal Handling

Balanced Inputs and Outputs

High Common Mode Rejection -85 dB typical

## Application

ONSEMI



### Related Products



#### [MC1496BDG](#)

ON Semiconductor, LLC  
SOIC-14



#### [MC1496DG](#)

ON Semiconductor, LLC  
SOIC-14



#### [MC1496PIG](#)

ON Semiconductor, LLC  
PDIP-14



#### [MC1496DR2](#)

ON Semiconductor, LLC  
SOIC-14



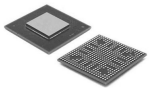
#### [MC1496PI](#)

ON Semiconductor, LLC  
PDIP-14



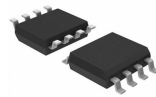
#### [FDD86369-F085](#)

ON Semiconductor, LLC  
DPAK-3



#### [EFC8811R-TF](#)

ON Semiconductor, LLC  
CSP-6 / EFCP3517-6DGH-020



#### [NTMF55C673NLT1G](#)

ON Semiconductor, LLC  
SO-8FL