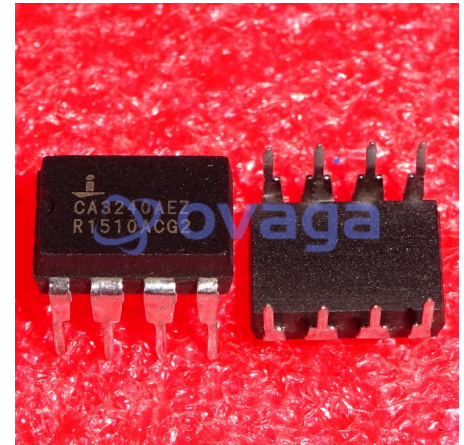


Dual, 4.5MHz, BiMOS Operational Amplifier with MOSFET Input/Bipolar Output;  
Temperature Range: -40°C to 85°C; Package: 8-PDIP

Manufacturers	<a href="#">Renesas Technology Corp</a>
Package/Case	DIP-8
Product Type	Amplifier ICs
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for CA3240AEZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The CA3240A and CA3240 are dual versions of the popular CA3140 series integrated circuit operational amplifiers. They combine the advantages of MOS and bipolar transistors on the same monolithic chip. The gate-protected MOSFET (PMOS) input transistors provide high input impedance and a wide common-mode input voltage range (typically to 0.5V below the negative supply rail). The bipolar output transistors allow a wide output voltage swing and provide a high output current capability. The CA3240A and CA3240 are compatible with the industry standard 1458 operational amplifiers in similar packages.

## Features

Dual Version of CA3140

Internally Compensated

MOSFET Input Stage

Very High Input Impedance ( $Z_{IN}$ ) 1.5T $\Omega$  (Typ)

Very Low Input Current ( $I_I$ ) 10pA (Typ) at  $\pm 15V$

Wide Common-Mode Input Voltage Range ( $V_{ICR}$ ): Can Be Swung 0.5V Below Negative Supply Voltage Rail

Directly Replaces Industry Type 741 in Most Applications

Pb-Free Available (RoHS Compliant)



### Related Products



[CA3420EZ](#)

Renesas Technology Corp  
PDIP-8



[CA3140MZ](#)

Renesas Technology Corp  
SOIC-8



[CA3130MZ](#)

Renesas Technology Corp  
SOIC-8



[CA3140AMZ96](#)

Renesas Technology Corp  
SOIC-8



[CA3140AMZ](#)

Renesas Technology Corp  
SOIC-8



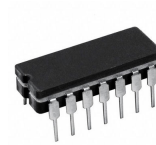
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