

Operational Amplifier, Dual, 2 Amplifier, 550 kHz, 0.3 V/ $\mu$ s, 1.8V to 5.5V, SOIC, 8 Pins

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	SOIC-8
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MCP6242-E/SN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MCP6241/1R/1U/2/4 family of operational amplifier (Op Amp) provides wide bandwidth for the quiescent current. These devices have a 550 kHz Gain Bandwidth Product (GBWP) and 68° (typ.) phase margin. These op amps operate from a single supply voltage as low as 1.8V, while drawing 50  $\mu$ A (typ.) quiescent current. In addition, these devices support rail-to-rail input and output swing, with a common mode input voltage range of VDD +300 mV to VSS -300 mV. They are designed in one of Microchip's advanced CMOS processes and operate in the Extended Temperature range of -40°C to +125°C. It has a power supply range of 1.8V to 5.5V

## Features

Quiescent Current: 50  $\mu$ A (typ.)

Supply voltage range: 1.8V to 5.5V

Rail to Rail Input and Output

Extended Temperature Range

Space Saving Package Offering

## Related Products



[MCP6S28-I/SL](#)

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SOIC-16



[MCP6V31T-E/OT](#)

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SOT-23-5



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