

INTERSIL HA7-5102-2 Operational Amplifier, Dual, 2 Amplifier, 8MHz, 3V/μs, 5V to 18V, DIP, 8Pins

Manufacturers	Renesas Technology Corp
Package/Case	CDIP-8
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for HA7-5102-2 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Low noise and high performance are key words describing HA-5102 and HA-5104. These general purpose amplifiers offer an array of dynamic specifications including a 3V/μs slew rate and 8MHz bandwidth. Complementing these outstanding parameters is a very low noise specification of 4.3nV/√Hz at 1kHz. Fabricated using the Intersil high frequency DI process, these operational amplifiers also offer excellent input specifications such as a 0.5mV offset voltage and 30nA offset current. Complementing these specifications are 108dB open loop gain and 60dB channel separation. Consuming a very modest amount of power (90mW/ package for duals and 150mW/package for quads), HA-5102/04 also provide 15mA of output current. This impressive combination of features make this series of amplifiers ideally suited for designs ranging from audio amplifiers and active filters to the most demanding signal conditioning and instrumentation circuits. These operational amplifiers are available in dual or quad form with industry standard pinouts allowing for immediate interchangeability with most other dual and quad operational amplifiers. HA-5102 Dual, Comp. HA-5104 Quad, Comp. Refer to the /883 data sheet for military product.

Features

Low Noise 4.3nV/√Hz

Bandwidth 8MHz (Compensated)

Slew Rate 3V/μs (Compensated)

Low Offset Voltage 0.5mV

Available in Duals or Quads



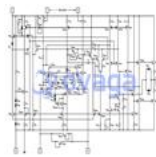


Related Products



[HA17358B](#)

Renesas Technology Corp
DIP-8



[HA7-5147-2](#)

Renesas Technology Corp
CDIP-8



[HA1-5104-2](#)

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[HA2-5002-2](#)

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8-Pin Metal Can



[HA7-2640-2](#)

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[HA2-2620-2](#)

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[HA17324A](#)

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DIP-14