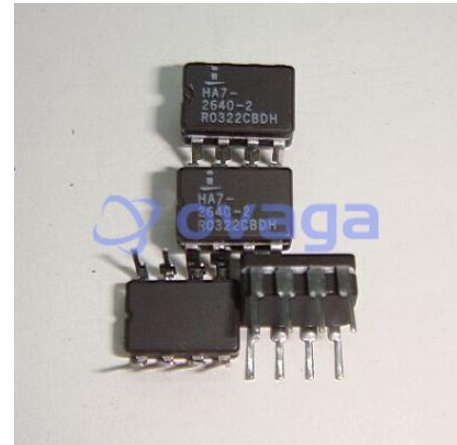


4MHz, High Supply Voltage Operational Amplifiers

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



Images are for reference only

Please submit RFQ for HA7-2640-2 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

HA-2640 and HA-2645 are monolithic operational amplifiers which are designed to deliver unprecedented dynamic specifications for a high voltage internally compensated device. These dielectrically isolated devices offer very low values for offset voltage and offset current coupled with large output voltage swing and common mode input voltage. For maximum reliability, these amplifiers offer unconditional output overload protection through current limiting and a chip temperature sensing circuit. This sensing device turns the amplifier "off", when the chip reaches a certain temperature level. These amplifiers deliver $\pm 35V$ common mode input voltage range, $\pm 35V$ output voltage swing, and up to $\pm 40V$ supply range for use in such designs as regulators, power supplies, and industrial control systems. 4MHz gain bandwidth and $5V/\mu s$ slew rate make these devices excellent components for high performance signal conditioning applications. Outstanding input and output voltage swings coupled with a low 5nA offset current make these amplifiers excitation designs.

Features

Output Voltage Swing $\pm 35V$

Supply Voltage $\pm 10V$ to $\pm 40V$

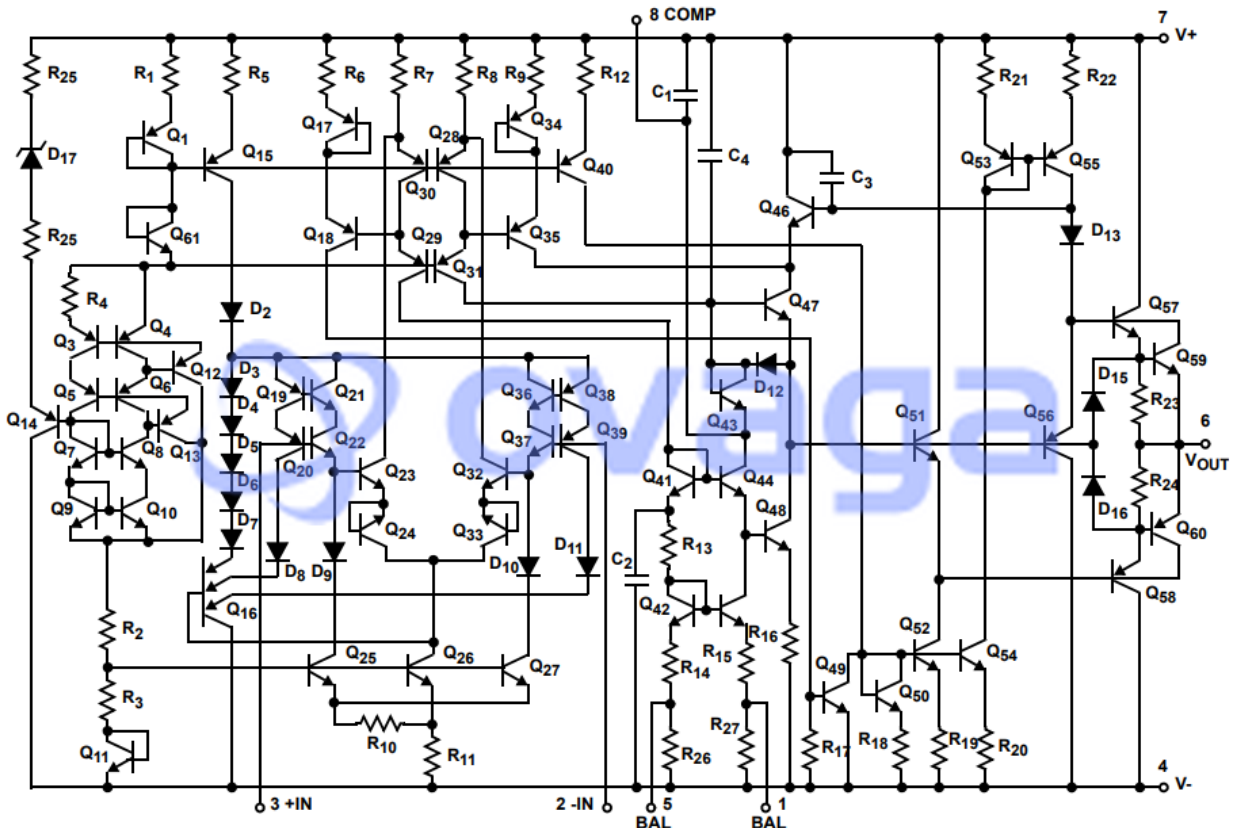
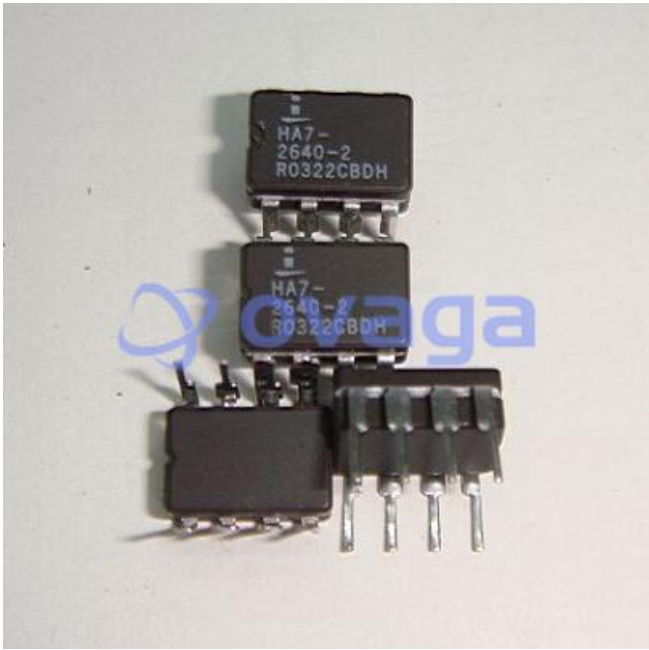
Offset Current 5nA

Bandwidth 4MHz

Slew Rate $5V/\mu s$

Common Mode Input Voltage Range $\pm 35V$

Output Overload Protection

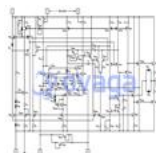


Related Products



[HA17358B](#)

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DIP-8



[HA7-5147-2](#)

Renesas Technology Corp
CDIP-8



[HA1-5104-2](#)

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DIP-14



[HA7-5102-2](#)

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[HA2-5002-2](#)

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8-Pin Metal Can



[HA2-2620-2](#)

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DIP-14