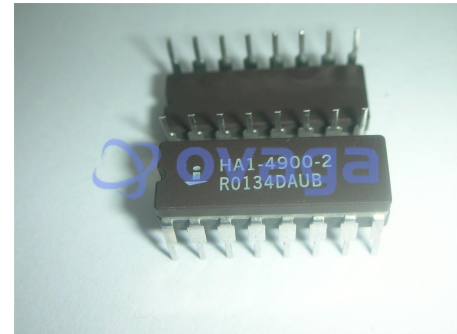


Precision Quad Comparators

Manufacturers	Renesas Technology Corp
Package/Case	CDIP-16
Product Type	Comparator ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for HA1-4900-2 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HA-4900 series are monolithic, quad, precision comparators offering fast response time, low offset voltage, low offset current and virtually no channel-to-channel crosstalk for applications requiring accurate, high speed, signal level detection. These comparators can sense signals at ground level while being operated from either a single +5V supply (digital systems) or from dual supplies (analog networks) up to $\pm 15V$. The HA-4900 series contains a unique current driven output stage which can be connected to logic system supplies (VLOGIC+ and VLOGIC-) to make the output levels directly compatible (no external components needed) with any standard logic or special system logic levels. In combination analog/digital systems, the design employed in the HA-4900 series input and output stages prevents troublesome ground coupling of signals between analog and digital portions of the system. These comparators' combination of features make them ideal components for signal detection and processing in data acquisition systems, test equipment and microprocessor/analog signal interface networks. For military grade product, refer to the HA-4902/883 data sheet.

Features

Fast Response Time 130ns

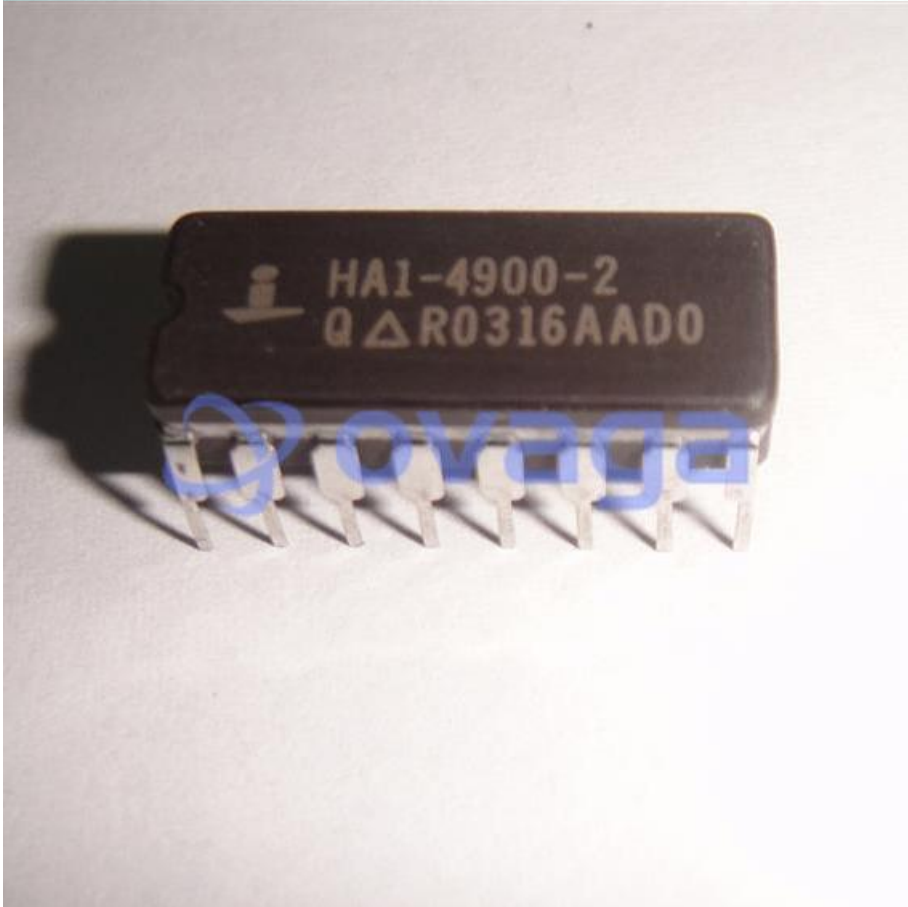
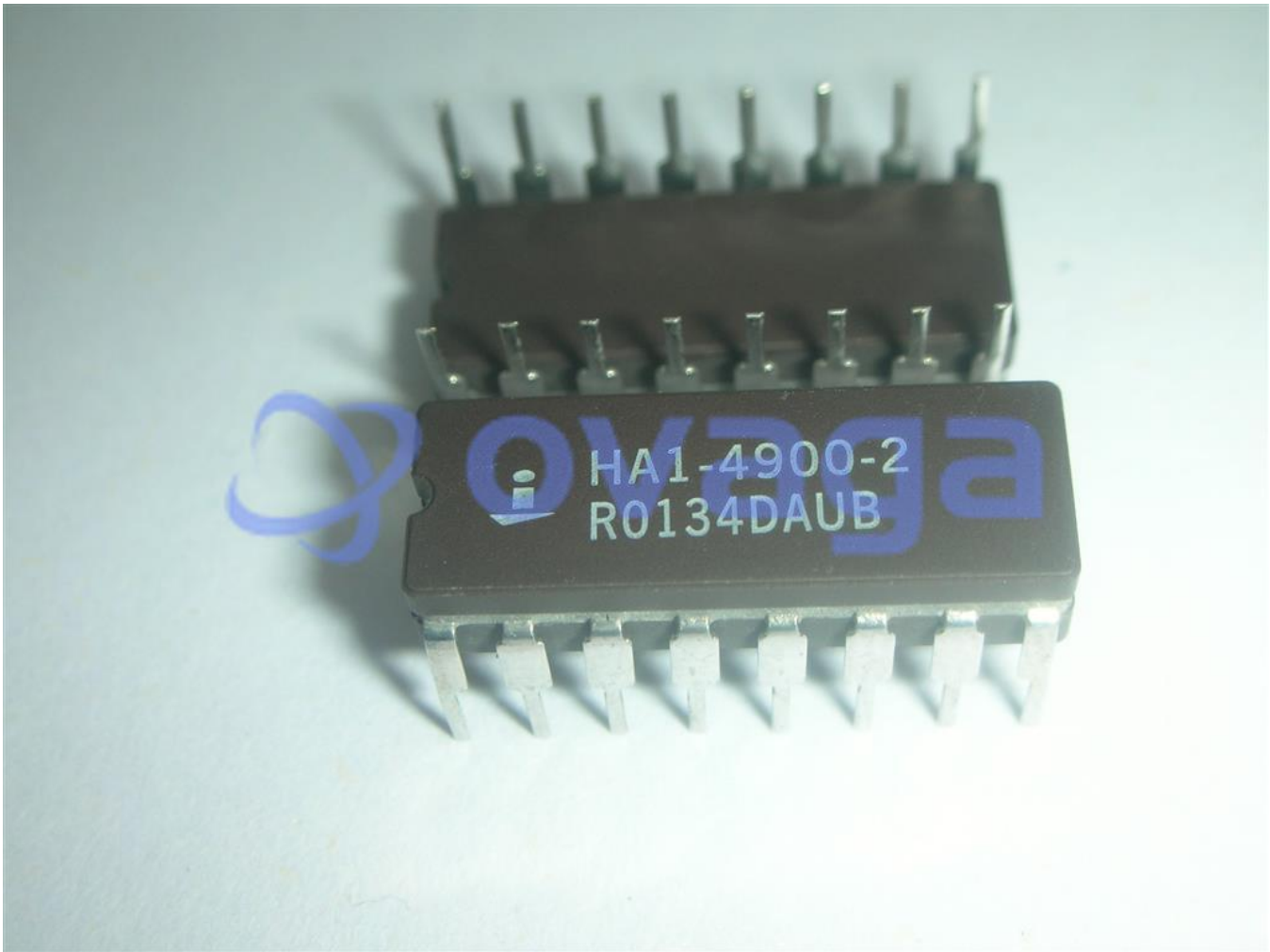
Low Offset Voltage 2.0mV

Low Offset Current 10nA

Single or Dual Voltage Supply Operation

Selectable Output Logic Levels

Active Pull-Up/Pull-Down Output Circuit. No External Resistors Required



Related Products



[HA1-4902-2](#)

Renesas Technology Corp
CDIP-16



[HA17339ARP](#)

Renesas Technology Corp
SOIC-14



[HA1-4902/883](#)

Renesas Technology Corp
DIP



[UPC311G2-A](#)

Renesas Technology Corp
SOP8L



[HA17393AFEL-E](#)

Renesas Technology Corp
SOP8



[HA17393B](#)

Renesas Technology Corp
DIP-8



[UPC393G2-E1-A](#)

Renesas Technology Corp
SOP-8



[UPC319G2-A](#)

Renesas Technology Corp
SOP