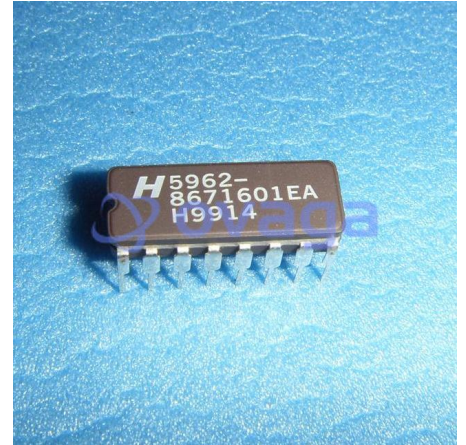


High Speed, Quad SPST, CMOS Analog; Temperature Range: -55°C to 125°C; Package: 16-CerDIP

Manufacturers	Renesas Technology Corp
Package/Case	CDIP16
Product Type	Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 5962-8671601EA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HI-201HS/883 is a monolithic CMOS analog switch featuring very fast switching speeds and low ON resistance. This integrated circuit consists of four independently selectable SPST switches and is pin compatible with the industry standard HI-201 switch. Fabricated using silicon-gate technology and the Intersil dielectric isolation process, this TTL compatible device offers improved performance over previously available CMOS analog switches while eliminating the problem of latch-up associated with other fabrication processes. Featuring maximum switching times of 50ns, low ON resistance of 50Ω maximum, and a wide analog signal range, the HI-201HS/883 is designed for any military application where improved switching performance, particularly switching speed, is required. (A more detailed discussion on the design and application of the HI-201HS/883 can be found in Application Note AN543.) The HI-201HS/883 is available in a 16 Ld CerDIP package and is specified over the temperature range of -55°C to +125°C.

Features

This Circuit is Processed in Accordance to MIL-STD-883 and is Fully Conformant Under the Provisions of Paragraph 1.2.1.

Low On Release: 50Ω Max

Wide Analog Signal Range: ±15V

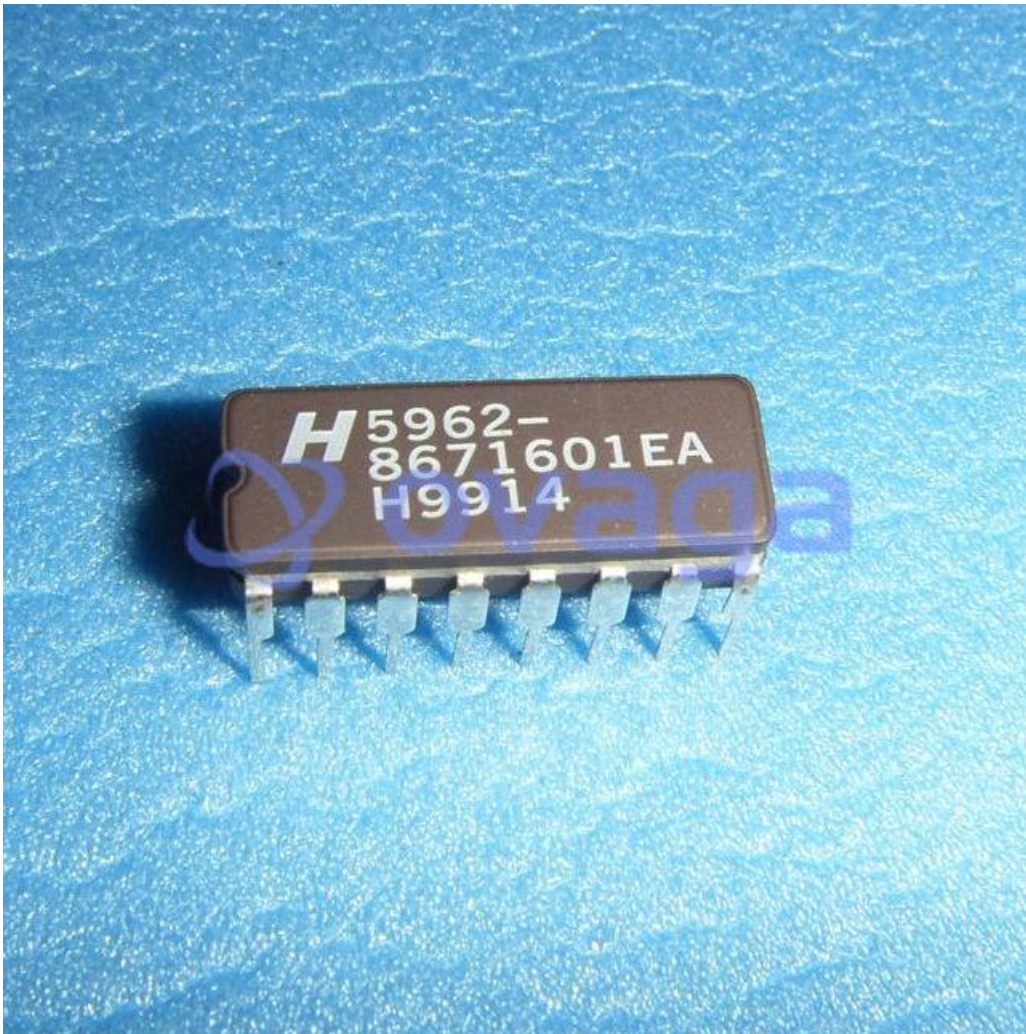
Turn-On Time: 50ns

Analog Current Range (Continuous): 25mA

TTL/CMOS Compatible

No Latch-Up

Pin Compatible with Standard HI-201



Related Products



[5962-85131013A](#)

Renesas Technology Corp
CLCC28



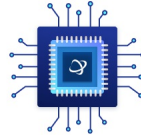
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Renesas Technology Corp
24-TSSOP



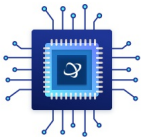
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Renesas Technology Corp
TRANSCEIVER



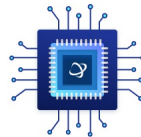
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Renesas Technology Corp
CPACK-48



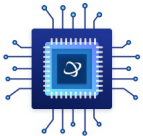
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Renesas Technology Corp
48 CERPACK



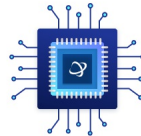
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[5962-9227101MXA](#)

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[5962-9225803MXA](#)

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