

CMOS Analog Switches; Temperature Range: -40°C to 85°C; Package: 14-SOIC

Manufacturers	Renesas Technology Corp
Package/Case	SOIC-14
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for HI9P0303-9Z or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HI-303/883 switch is a monolithic device fabricated using CMOS technology and the Intersil Dielectric Isolation process. This switch features break-before-make switching, low and nearly constant ON resistance over the full analog signal range, and low power dissipation.

Applications

- Sample and Hold, i.e. Low Leakage Switching
- Op Amp Gain Switching, i.e. Low ON Resistance
- Portable, Battery Operated Circuits
- Low Level Switching Circuits
- Dual or Single Supply Systems

Features

Analog Signal Range ($\pm 15V$ Supplies) $\pm 15V$

Low Leakage at 25°C 40pA

Low Leakage at 125°C 1nA

Low On Resistance at 25°C 35 Ω

Break-Before-Make Delay 60ns

Charge Injection 30pC

TTL, CMOS Compatible

Symmetrical Switch Elements

Low Operating Power (Typ) 1.0mW

Pb-Free Available (RoHS Compliant)

Related Products



[HIN202EIBNZ](#)

Renesas Technology Corp
SOIC-16



[HI1-5051-2](#)

Renesas Technology Corp
CDIP-16



[HIN213EIAZ-T](#)

Renesas Technology Corp
SSOP-28



[HI1-0546-2](#)

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[HI1-0508-2](#)

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CDIP-16



[HI1-5042-2](#)

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SSOP-28



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