



Data Sheet

+15V/-15V Wide Analog Signal Range, High Current Capability 80mA (Typical)

Manufacturers Renesas Technology Corp

Package/Case CDIP-16

Product Type Analog Switch ICs

RoHS

Lifecycle



Images are for reference only

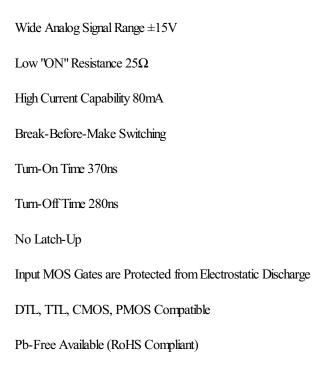
Please submit RFQ for HI1-5051-2 or Email to us; sales@ovaga.com We will contact you in 12 hours.

RFO

General Description

This CMOS analog switch offers low resistance switching performance for analog voltages up to the supply rails and for signal currents up to 70mA. "ON" resistance is low and stays reasonably constant over the full range of operating signal voltage and current. RON remains exceptionally constant for input voltages between +5V and -5V and currents up to 50mA. Switch impedance also changes very little over temperature, particularly between 0°C and $+75^{\circ}\text{C}$. RON is nominally 25Ω . The HI-5051/883 provides break-before-make switching and is TTL and CMOS compatible for maximum application versatility. Performance is further enhanced by Dielectric Isolation processing which insures latch-free operation with very low input and output leakage currents (0.8nA at $+25^{\circ}\text{C}$). The HI-5051/883 switch also features very low power operation (1.5mW at $+25^{\circ}\text{C}$). The HI-5051/883 is available in a 20 Ld CLCC package and operates over the -55°C to $+125^{\circ}\text{C}$ temperature range.

Features







Related Products



HIN202EIBNZ

Renesas Technology Corp SOIC-16



HI1-5042-2

Renesas Technology Corp CDIP-16



HIN213ECAZ-T

Renesas Technology Corp SSOP-28



HI1-0201-2

Renesas Technology Corp CDIP-16



HI1-0508-2

Renesas Technology Corp CDIP-16



HIN213EIAZ-T

Renesas Technology Corp SSOP-28



HI1-0546-2

Renesas Technology Corp CDIP-28



HI3-0547-5Z

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