

Quad Spst Cmos Analog Switches Vishay Intertechnology

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Quad Spst Cmos Analog Switches

General Description The DG201A and DG211 are normally closed, quad single-pole single-throw (SPST) analog switches. These CMOS switches can be continuously operated with power supplies ranging from $\pm 4.5\text{V}$ to $\pm 18\text{V}$. Maxim guarantees that these switches will not latch up if the power supplies are disconnected with input signals still connected.

Quad SPST CMOS Analog Switches - Maxim Integrated

Quad SPST CMOS Analog Switches DESCRIPTION The DG441, DG442 monolithic quad analog switches are designed to provide

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high speed, low error switching of analog and audio signals. The DG441 has a normally closed function. The DG442 has a normally open function. Combining low on-resistance (50 Ω , typ.) with high speed

Quad SPST CMOS Analog Switches - Vishay Intertechnology

The DG201A and DG211 are normally closed, quad single-pole single-throw (SPST) analog switches. These CMOS switches can be continuously operated with power supplies ranging from $\pm 4.5\text{V}$ to $\pm 18\text{V}$. Maxim guarantees that these switches will not latch up if the power supplies are disconnected with input signals still connected.

DG201A Quad SPST CMOS Analog Switches - Maxim Integrated

The MAX4661/MAX4662/MAX4663 quad analog switches feature low on-resistance of $2.5\Omega_{\text{max}}$. On-resistance is matched between switches to $0.5\Omega_{\text{max}}$ and is flat ($0.5\Omega_{\text{max}}$) over the specified signal range. Each switch can handle Rail-to-Rail[®] analog signals. Off-leakage current is only 5nA max at $T_A = +85^\circ\text{C}$.

Ω , Quad, SPST, CMOS Analog Switches

Quad Monolithic SPST CMOS Analog Switches FEATURES • $\pm 15\text{V}$ analog input range ... For SPST Switches per Package Logic "0" 3.5V ... Analog Switch Analog Signal Range $\pm 15\text{V}$ ANALOG Full - 15V Drain-Source On-Resistance $R_{DS(on)}$ $V_D = \pm 10\text{V}$, $I_S = 1\text{mA}$ Room

Quad Monolithic SPST CMOS Analog Switches

High Voltage 4-: Quad SPST CMOS Analog Switch FEATURES • Low on-resistance (4Ω : typical) † On-resistance flatness (0.2Ω : typical) † 100mA continuous current † 44V supply maximum rating † $\pm 15\text{V}$ analog signal range † Fully specified at supply voltages of $\pm 5\text{V}$, 12V and $\pm 15\text{V}$ † Ultra low power dissipation of ($18\mu\text{W}$)

High Voltage 4- Quad SPST CMOS Analog Switch

The MAX312/MAX313/MAX314 are quad, single-pole/single-throw

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(SPST) analog switches. The MAX312 is normally closed (NC), and the MAX313 is normally open (NO). The MAX314 has two NC switches and two NO switches. All three devices operate from a single supply of +4.5V to +30V or from dual supplies of $\pm 4.5V$ to $\pm 20V$.

MAX312 10 Ω , Quad, SPST, CMOS Analog Switches - Maxim ...

Precision Monolithic Quad SPST CMOS Analog Switches
DESCRIPTION The DG411 series of monolithic quad analog switches was designed to provide high speed, low error switching of precision analog signals. Combining low power (0.35 μW) with high speed (t_{ON}: 110 ns), the DG411 family is ideally suited for portable and battery powered industrial and military

Precision Monolithic Quad SPST CMOS Analog Switches

ADG1611/ADG1612/ADG1613 Quad (4) SPST Switches Analog Devices' switches for battery powered, communication, and audio/video systems ADI's ADG1611, ADG1612, and ADG1613 contain four independent single-pole/single-throw (SPST) switches. The ADG1611 and ADG1612 differ only in that the digital control logic is inverted.

ADG1611/12/13 Quad SPST Switches - Analog Devices | DigiKey

The MAX4614/MAX4615/MAX4616 quad, low-voltage, high-speed, single-pole/single-throw (SPST) analog switches are pin compatible with the industry-standard 74HC4066/MAX4610 analog switches. On-resistance (10 Ω max) is matched between switches to 1 Ω max and is flat (1 Ω max) over the specified signal range. Each switch handles V+ to GND analog signal levels.

Low-Voltage, High-Speed, Quad, SPST CMOS Analog Switches

The DG444/DG445 monolithic quad analog switches are designed to provide high speed, low error switching of analog signals. The DG444 has a normally closed function. The DG445 has a normally open function. Combining low power (22 nW, typ) with high speed (t_{ON}: 120 ns, typ), the DG444/DG445 are ideally suited for upgrading DG211/212 sockets.

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Quad SPST CMOS Analog Switches - Allied Electronics

Quad SPST JFET Analog Switches LF11331, LF13331 4 Normally Open Switches with Disable LF11332, LF13332 4 Normally Closed Switches with Disable LF11333, LF13333 2 Normally Closed Switches and 2 Normally Open Switches with Disable LF11201, LF13201 4 Normally Closed Switches LF11202, LF13202 4 Normally Open Switches

Quad SPST JFET Analog Switches

The TS12A44513, TS12A44514, and TS12A44515 devices have four bidirectional single-pole single-throw (SPST) single-supply CMOS analog switches. The TS12A44513 has two normally closed (NC) switches and two normally open (NO) switches, the TS12A44514 has four NO switches, and the TS12A44515 has four NC switches.

TS12A44513 - Analog | Embedded Processing

The DG1411, DG1412, DG1413 are ± 15 V precision monolithic quad single-pole single-throw (SPST) CMOS analog switches. Built on a new CMOS process, the Vishay Siliconix DG1411, DG1412, and DG1413 offer low on-resistance of 1.5 Ω . The low and flat resistance over the full signal range ensures excellent linearity and low signal distortion.

Precision Monolithic Quad SPST CMOS Analog Switches

Analog Switch ICs -16.5-V, low-capacitance, low-leakage-current, precision, quad SPST switch (normally closed) 16-WQFN -40 to 125 Enlarge Mfr. Part #

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Analog Devices offers a comprehensive portfolio of switches and multiplexers covering single to multiple switch elements with various signal ranges in a variety of packages to best suit customer application needs. ADI switches and multiplexers are used in a wide and growing range of applications from industrial and instrumentation to medical, consu

Analog Switches Multiplexers | Analog Devices

The ADG613-EP is a monolithic CMOS device containing four

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independently selectable switches. This switch offers ultralow charge injection of 1 pC over the full input signal range and typical leakage currents of 0.01 nA at 25°C. The device is fully specified for ± 5 V, 5 V, and 3 V supplies.

1 pC Charge Injection, 100 pA Leakage , CMOS, ± 5 V/5 V/3 V ...

DG444, DG445. Monolithic, Quad SPST, CMOS Analog. Switches. The DG444 and DG445 monolithic CMOS analog switches. are drop-in replacements for the popular DG211 and DG212. series devices. They include four independent single pole. single throw (SPST) analog switches and TTL and CMOS. compatible digital inputs.

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