


Analog Switch Quad SPST 16-Pin PDIP

Manufacturer:	Vishay Intertechnology, Inc
Package/Case:	DIP
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

Inquiry

General Description

Key Features Application

<p>Halogen-free according to IEC 61249-2-21 definition</p> <p>TTL/CMOS Compatible</p> <p>Single supply capability</p> <p>Widest dynamic range</p> <p>Low signal errors and distortion</p> <p>Break-before-make switching action</p> <p>Simple interfacing</p> <p>Fast switching</p>	<ul style="list-style-type: none"> oPrecision automatic test equipment oPrecision data acquisition oCommunication systems oBattery powered systems oComputer peripherals o oSingle Supply Operation The DG411, DG412, DG413 can be operated with unipolar supplies from 5 V to 44 V. These devices are characterized and tested for unipolar supply operation at 12 V to facilitate the majority of applications. In single supply operation, V+ is tied to VL and V- is tied to 0 V. See Input Switching Threshold vs. Supply Voltage curve for VL versus input threshold requirements. oSumming Amplifier When driving a high impedance, high capacitance load such as shown in Fig. 8, where the inputs to the summing amplifier have some noise filtering, it is necessary to have shunt switches for rapid discharge of the filter capacitor, thus preventing offsets from occurring at the output.
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Recommended For You

DG9408EDN-TI-GE4

Vishay Intertechnology, Inc
QFN16

DG211BDJ-E3

Vishay Intertechnology, Inc
DIP16

DG4051EEN-TI-GE4

Vishay Intertechnology, Inc
miniQFN-16

DG9409EDN-TI-GE4

Vishay Intertechnology, Inc
QFN16

DG417DY-E3

Vishay Intertechnology, Inc
SOP8

DG2750DN-TI-E4

Vishay Intertechnology, Inc
QFN

DG403DJ-E3

Vishay Intertechnology, Inc
DIP16

DG2002EDL-TI-GE3

Vishay Intertechnology, Inc
SOT-363

DG4052EEN-TI-GE4

Vishay Intertechnology, Inc
SOP16

DG408DJ-E3

Vishay Intertechnology, Inc
DIP16

DG419DJ-E3

Vishay Intertechnology, Inc
DIP-8

DG406DW-E3

Vishay Intertechnology, Inc
SOP-28

DG418DY-E3

Vishay Intertechnology, Inc
SOP8

DG419LEDQ-TI-GE3

Vishay Intertechnology, Inc
MSOP8

DG641DY

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SOP16