



Image may be representation.
See specifications for product details.



DG419LDY+

Manufacturer Part Number	DG419LDY+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DG419LDY+
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SPDT X 1 350HM 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	DG417L-419L.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DG419LDY+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DG419LDY+ datasheet/specifications on AllelcoElec.com. Request a quote for DG419LDY+, please send us email: info@allelco.com

Specifications

DG419LDY+ Tech Specifications

DG419LDY+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	1
Voltage - Supply, Single (V+)	9V ~ 36V	Multiplexer/Demultiplexer Circuit	2:1
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	-	Current - Leakage (IS(off)) (Max)	250pA
Switch Circuit	SPDT	Crosstalk	-86dB @ 1MHz
Supplier Device Package	8-SOIC	Charge Injection	15pC
Series	-	Channel-to-Channel Matching (ΔRon)	100mOhm
Package / Case	8-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	8pF, 8pF
Package	Tube	Base Product Number	DG419
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	350hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DG419LDY+

Product Attribute				
Part Number	DG419LDY+	DG419LDY	DG419LDY-T1-E3	DG419LDY+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Vishay Siliconix	Vishay Siliconix	Analog Devices Inc./Maxim Integrated
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Switch Time (Ton, Toff) (Max)	-	43ns, 31ns	43ns, 31ns	-
Current - Leakage (IS(off)) (Max)	250pA	1nA	1nA	250pA
Number of Circuits	1	1	1	1
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Voltage - Supply, Single (V+)	9V ~ 36V	2.7V ~ 12V	2.7V ~ 12V	9V ~ 36V
Channel Capacitance (CS(off), CD(off))	8pF, 8pF	5pF	5pF	8pF, 8pF
Charge Injection	15pC	1pC	1pC	15pC
Base Product Number	DG419	DG419	DG419	DG419
Crosstalk	-86dB @ 1MHz	-71dB @ 1MHz	-71dB @ 1MHz	-86dB @ 1MHz
Switch Circuit	SPDT	SPDT	SPDT	SPDT
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±3V ~ 6V	±3V ~ 6V	±4.5V ~ 20V
On-State Resistance (Max)	350hm	200hm	200hm	350hm
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
-3db Bandwidth	-	-	-	-
Multiplexer/Demultiplexer Circuit	2:1	2:1	2:1	2:1
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Channel-to-Channel Matching (ΔRon)	100mOhm	-	-	100mOhm

DG419LDY+ Datasheet PDF

Download DG419LDY+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DG419LDY+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[DG417L-419L.pdf](#)

Environmental Information



















[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration DG419LDY+.pdf](#)

Customers Also Interested in

Recommended Products

					
DG419LDY Vishay Siliconix IC SWITCH SPDT X 1 200HM 8SOIC	DG419LDY-T1-E3 Vishay Siliconix IC SWITCH SPDT X 1 200HM 8SOIC	DG425DJ Analog Devices Inc./Maxim Integrated IC SW DUAL ANLG CMOS LTCH 16-DIP	DG419LDY+T Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 350HM 8SOIC	DG419DY-E3 Vishay Siliconix IC SWITCH SPDT X 1 350HM 8SOIC	DG419DY-T Analog Devices / Maxim Integrated
					
DG419DY-T1 Vishay Siliconix IC SWITCH SPDT X 1 350HM 8SOIC	DG419LEDQ-T1-GE3 Vishay Siliconix IC SWITCH SPDT X 1 180HM 8TSSOP	DG423DN Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX2 450HM 20PLCC	DG419LEDY Electro-Films (EFI) / Vishay	DG419DY+T Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 350HM 8SOIC	DG419DY-T1-E3 Vishay Siliconix IC SWITCH SPDT X 1 350HM 8SOIC
					
DG423DJ Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX2 450HM 16DIP	DG423DJ+ Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX2 350HM 16DIP	DG419DY+ Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 350HM 8SOIC	DG419LEUA Analog Devices / Maxim Integrated	DG419LDY Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 350HM 8SOIC	DG419DY-T1-GE3 Electro-Films (EFI) / Vishay

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

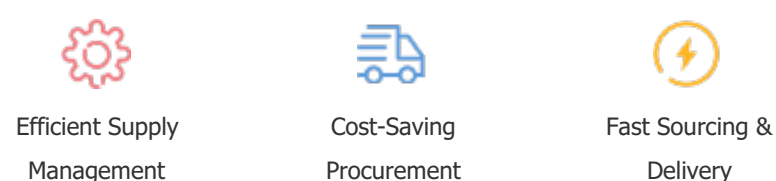
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

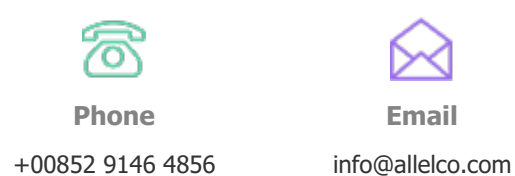
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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