

Image may be representation.
See specifications for product details.



DG419DY-T1-E3

Manufacturer Part Number	DG419DY-T1-E3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-DG419DY-T1-E3
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC SWITCH SPDT X 1 350HM 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	DG417-419.pdf
RoHs Status	ROHS3 Compliant

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DG419DY-T1-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology DG419DY-T1-E3 datasheet/specifications on AllelcoElec.com.
Request a quote for DG419DY-T1-E3, please send us email: info@allelco.com

Specifications

DG419DY-T1-E3 Tech Specifications

DG419DY-T1-E3 - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Number of Circuits	1
Voltage - Supply, Single (V+)	12V	Multiplexer/Demultiplexer Circuit	2:1
Voltage - Supply, Dual (V±)	±15V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	175ns, 145ns	Current - Leakage (IS(off)) (Max)	250pA
Switch Circuit	SPDT	Crosstalk	-
Supplier Device Package	8-SOIC	Charge Injection	60pC
Series	-	Channel-to-Channel Matching (ΔRon)	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	8pF, 8pF
Package	Tape & Reel (TR)	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 Vishay Siliconix DG419DY-T1-E3

Product Attribute				
Part Number	DG419DY-T1-E3	DG419DJ-E3	DG419LDY-T1-E3	DG419LDY
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Channel-to-Channel Matching (ΔRon)	-	-	-	-
Base Product Number	DG419	DG419	DG419	DG419
Current - Leakage (IS(off)) (Max)	250pA	250pA	1nA	1nA
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Voltage - Supply, Single (V+)	12V	12V	2.7V ~ 12V	2.7V ~ 12V
Channel Capacitance (CS(off), CD(off))	8pF, 8pF	8pF, 8pF	5pF	5pF
Switch Circuit	SPDT	SPDT	SPDT	SPDT
Number of Circuits	1	1	1	1
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Multiplexer/Demultiplexer Circuit	2:1	2:1	2:1	2:1
Series	-	-	-	-
-3db Bandwidth	-	-	-	-
Supplier Device Package	8-SOIC	8-PDIP	8-SOIC	8-SOIC
Charge Injection	60pC	60pC	1pC	1pC
Voltage - Supply, Dual (V±)	±15V	±15V	±3V ~ 6V	±3V ~ 6V
On-State Resistance (Max)	350hm	350hm	200hm	200hm
Crosstalk	-	-	-71dB @ 1MHz	-71dB @ 1MHz
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Switch Time (Ton, Toff) (Max)	175ns, 145ns	175ns, 145ns	43ns, 31ns	43ns, 31ns

DG419DY-T1-E3 Datasheet PDF

Download DG419DY-T1-E3 pdf datasheets and Vishay Siliconix documentation for DG419DY-T1-E3 - Vishay Siliconix.

Datasheets

[DG417-419.pdf](#)



















PCN Assembly/Origin

[Mult Dev 25/Jan/2023.pdf](#)

 Multi Devices 17/May/2017.pdf

Customers Also Interested in

Recommended Products

					
DG419DJ-E3 Vishay Siliconix IC SWITCH SPDT X 1 350HM 8DIP	DG419LDY-T1-E3 Vishay Siliconix IC SWITCH SPDT X 1 200HM 8SOIC	DG419LDY Vishay Siliconix IC SWITCH SPDT X 1 200HM 8SOIC	DG419DY Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 350HM 8SOIC	DG419LEDQ-T1-GE3 Vishay Siliconix IC SWITCH SPDT X 1 180HM 8TSSOP	DG419DY Vishay Siliconix IC SWITCH SPDT X 1 350HM 8SOIC
					
DG419DJ Vishay Siliconix IC SWITCH SPDT X 1 350HM 8DIP	DG419DJ+ Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 350HM 8DIP	DG419DY-T1-GE3 Electro-Films (EF1) / Vishay	DG419LDY+ Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 350HM 8SOIC	DG419DY+ Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 350HM 8SOIC	DG419DY-T Analog Devices / Maxim Integrated
					
DG419DY+T Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 350HM 8SOIC	DG419LDY+T Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 350HM 8SOIC	DG419LDY Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 350HM 8SOIC	DG419DY-E3 Vishay Siliconix IC SWITCH SPDT X 1 350HM 8SOIC	DG419DY-T1 Vishay Siliconix IC SWITCH SPDT X 1 350HM 8SOIC	DG419LEDY Electro-Films (EF1) / 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

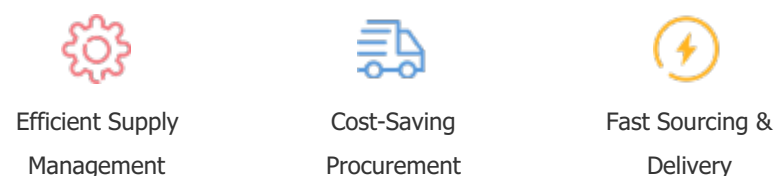
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

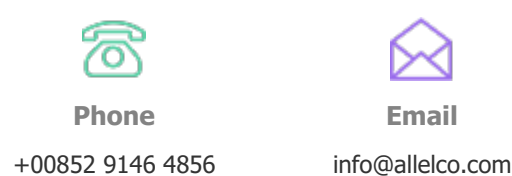
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
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