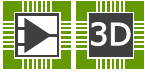





DG4157DL-T1-E3

Manufacturer Part Number	DG4157DL-T1-E3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-DG4157DL-T1-E3
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC SWITCH SPDT X 1 1.2OHM SC70-6
Package	6-TSSOP, SC-88, SOT-363
Data sheet	DG4157.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

DG4157DL-T1-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology DG4157DL-T1-E3 datasheet/specifications on AllelcoElec.com.
Request a quote for DG4157DL-T1-E3, please send us email: info@allelco.com

Specifications





DG4157DL-T1-E3 Tech Specifications

DG4157DL-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+)	1.65V ~ 5.5V	Multiplexer/Demultiplexer Circuit	2:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	37ns, 23ns	Current - Leakage (IS(off)) (Max)	2nA
Switch Circuit	SPDT	Crosstalk	-63dB @ 1MHz
Supplier Device Package	SC-70-6	Charge Injection	50pC
Series	-	Channel-to-Channel Matching (ΔRon)	120mOhm (Max)
Package / Case	6-TSSOP, SC-88, SOT-363	Channel Capacitance (CS(off), CD(off))	20pF
Package	Tape & Reel (TR)	Base Product Number	DG4157
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	117MHz
On-State Resistance (Max)	1.2Ohm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix DG4157DL-T1-E3

Product Attribute	 NO PICTURE			
Part Number	DG4157DL-T1-E3	DG417CJ	DG417CY	DG417CY+T
Manufacturer	Vishay Siliconix	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Supplier Device Package	SC-70-6	8-PDIP	8-SOIC	8-SOIC
Voltage - Supply, Single (V+)	1.65V ~ 5.5V	10V ~ 30V	10V ~ 30V	10V ~ 30V
Voltage - Supply, Dual (V±)	-	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V
Multiplexer/Demultiplexer Circuit	2:1	1:1	1:1	1:1
Number of Circuits	1	1	1	1
-3db Bandwidth	117MHz	-	-	-
On-State Resistance (Max)	1.2Ohm	350hm	350hm	350hm
Base Product Number	DG4157	DG417	DG417	DG417
Charge Injection	50pC	3pC	3pC	3pC
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Current - Leakage (IS(off)) (Max)	2nA	250pA	250pA	250pA
Switch Time (Ton, Toff) (Max)	37ns, 23ns	175ns, 145ns	175ns, 145ns	175ns, 145ns
Package / Case	6-TSSOP, SC-88, SOT-363	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Channel-to-Channel Matching (ΔRon)	120mOhm (Max)	30hm (Max)	30hm (Max)	30hm (Max)
Switch Circuit	SPDT	SPST - NC	SPST - NC	SPST - NC
Channel Capacitance (CS(off), CD(off))	20pF	8pF, 8pF	8pF, 8pF	8pF, 8pF
Series	-	-	-	-
Crosstalk	-63dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)

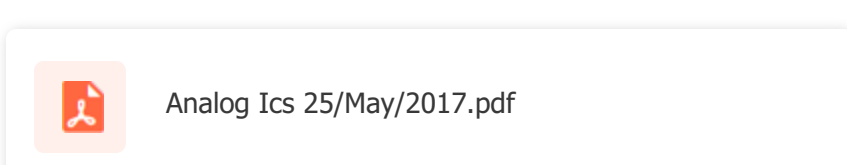
DG4157DL-T1-E3 Datasheet PDF

Download DG4157DL-T1-E3 pdf datasheets and Vishay Siliconix documentation for DG4157DL-T1-E3 - Vishay Siliconix.

Datasheets



PCN Obsolescence/ EOL



Customers Also Interested in

Recommended Products

					
DG417CJ Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NC X 1 350HM 8DIP	DG417CY Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX1 350HM 8SOIC	DG417CY+T Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX1 350HM 8SOIC	DG417DJ Vishay Siliconix IC SWITCH SPST-NC X 1 350HM 8DIP	DG413LDQ Electro-Films (EFI) / Vishay	DG413FEUE+ Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 350HM 16TSSOP
					
DG4157DL-TA-E3 Electro-Films (EFI) / Vishay	DG413LDY Vishay Siliconix IC SW SPST-NO/NCX4 170HM 16SOIC	DG413HSDJ Vishay Siliconix IC SW SPST-NO/NCX4 350HM 16DIP	DG413LEDY-GE3 Vishay Siliconix IC SW SPST-NO/NCX4 260HM 16SOIC	DG413LDY-T1-E3 Vishay Siliconix IC SW SPST-NO/NCX4 170HM 16SOIC	DG4157EDL-T1-GE3 Vishay Siliconix IC SWITCH SPDT X 1 1.20HM SC70-6
					
DG413LDY-T1 Vishay Siliconix IC SW SPST-NO/NCX4 170HM 16SOIC	DG413LDQ-T1 Vishay Siliconix IC SW SPST-NO/NCX4 170HM 16TSSOP	DG413LDQ-T1-E3 Vishay Siliconix IC SW SPST-NO/NCX4 170HM 16TSSOP	DG417DJ Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NC X 1 350HM 8DIP	DG417BDY Vishay Siliconix IC SWITCH SPST-NCX1 250HM 8SOIC	DG417DY Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX1 350HM 8SOIC

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

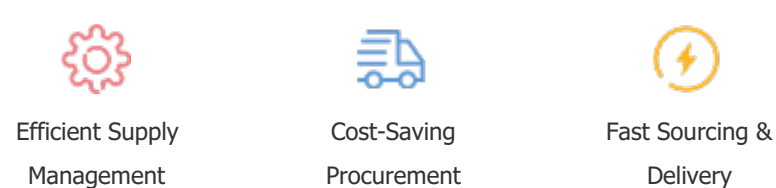
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

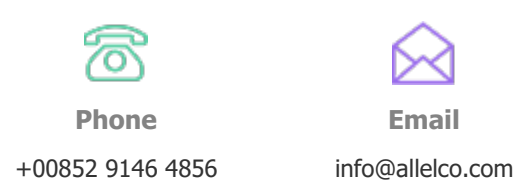
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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