

Image may be representation.
See specifications for product details.



DG2750DN-T1-E4

Manufacturer Part Number	DG2750DN-T1-E4
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-DG2750DN-T1-E4
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC SWITCH SPDTX2 1OHM 10MINIQFN
Package	10-UFQFN
Data sheet	DG2750.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DG2750DN-T1-E4 - Vishay Siliconix. New Original in Stock. Download Linear Technology DG2750DN-T1-E4 datasheet/specifications on AllelcoElec.com. Request a quote for DG2750DN-T1-E4, please send us email: info@allelco.com

Specifications

DG2750DN-T1-E4 Tech Specifications

DG2750DN-T1-E4 - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Number of Circuits	2
Voltage - Supply, Single (V+)	1.8V ~ 5V	Multiplexer/Demultiplexer Circuit	2:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	2.1µs, 130ns	Current - Leakage (IS(off)) (Max)	50nA (Typ)
Switch Circuit	SPDT	Crosstalk	-60dB @ 300kHz
Supplier Device Package	10-miniQFN (1.4x1.8)	Charge Injection	4pC
Series	-	Channel-to-Channel Matching (ΔRon)	100mOhm
Package / Case	10-UFQFN	Channel Capacitance (CS(off), CD(off))	36pF
Package	Tape & Reel (TR)	Base Product Number	DG2750
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	49MHz
On-State Resistance (Max)	10hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix DG2750DN-T1-E4

Product Attribute				
Part Number	DG2750DN-T1-E4	DG2799DN-T1-E4	DG2735DN-T1-E4	DG2753DN-T1-E4
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Package / Case	10-UFQFN	16-WFQFN	8-UFQFN	16-VFQFN Exposed Pad
-3db Bandwidth	49MHz	-	50MHz	-
Voltage - Supply, Single (V+)	1.8V ~ 5V	1.65V ~ 4.3V	1.65V ~ 4.3V	1.65V ~ 4.3V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Dual (V±)	-	-	-	-
Charge Injection	4pC	160pC	-	-25pC
Switch Time (Ton, Toff) (Max)	2.1µs, 130ns	57ns, 45ns	78ns, 58ns	60ns, 30ns
Multiplexer/Demultiplexer Circuit	2:1	2:2	2:1	2:1
On-State Resistance (Max)	10hm	450mOhm	500mOhm	1.2Ohm
Series	-	-	-	-
Current - Leakage (IS(off)) (Max)	50nA (Typ)	1nA	2nA	2nA
Number of Circuits	2	2	2	3
Channel-to-Channel Matching (ΔRon)	100mOhm	50mOhm	60mOhm	600mOhm (Max)
Channel Capacitance (CS(off), CD(off))	36pF	102pF	55pF	35pF
Supplier Device Package	10-miniQFN (1.4x1.8)	16-miniQFN (1.8x2.6)	8-miniQFN (1.4x1.4)	16-QFN (3x3)
Crosstalk	-60dB @ 300kHz	-75dB @ 100kHz	-70dB @ 100kHz	-90dB @ 10MHz
Base Product Number	DG2750	DG2799	DG2735	DG2753
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Switch Circuit	SPDT	DPDT	SPDT	SPDT

DG2750DN-T1-E4 Datasheet PDF

Download DG2750DN-T1-E4 pdf datasheets and Vishay Siliconix documentation for DG2750DN-T1-E4 - Vishay Siliconix.

Datasheets






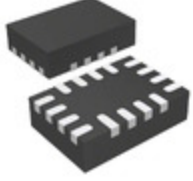
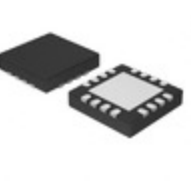




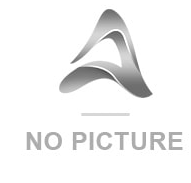
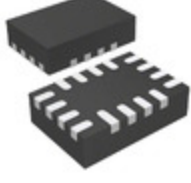


DG2750.pdf

PCN Assembly/Origin

Mult Dev 25/Jan/2023.pdf

Customers Also Interested in

Recommended Products

					
DG2743DQ-T1 Electro-Films (EFI) / Vishay	DG2799DN-T1 Electro-Films (EFI) / Vishay	DG2741DQ-T1 Electro-Films (EFI) / Vishay	DG2742DQ-T1 Electro-Films (EFI) / Vishay	DG2N65	DG2743DS-T1 Electro-Films (EFI) / Vishay
					
DG2799DN-T1-E4 Vishay Siliconix IC SW DPDTX2 450MOHM 16MINIQFN	DG2735DN-T1-E4 Vishay Siliconix IC SW SPDTX2 500MOHM 8MINIQFN	DG2753DN-T1-E4 Vishay Siliconix IC SWITCH SPDT X 3 1.2OHM 16QFN	DG2747DN-T1-E4 Vishay Siliconix IC SW SPST-NOX2 600MOHM 8MINIQFN	DG2742DQ-T1-E3 Vishay Siliconix IC SW SPST-NCX2 800MOHM 8MSOP	DG2742DS-T1 Electro-Films (EFI) / Vishay
					
DG2742DS-T1-E3 Vishay Siliconix IC SW SPST-NCX2 800MOHM SOT23-8	DG2750DN-T1 VISHIBA	DG2733EDQ-T1-GE3 Vishay Siliconix IC SWITCH SPDT X 2 300OHM 10MSOP	DG2788DN-T1-E4 Vishay Siliconix IC SW DPDTX2 500MOHM 16MINIQFN	DG2N60	DG2741DS-T1-E3 Vishay Siliconix IC SW SPST-NOX2 800MOHM SOT23-8

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

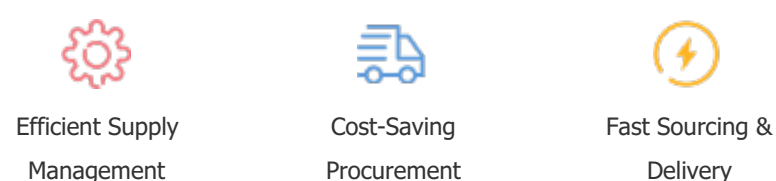
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

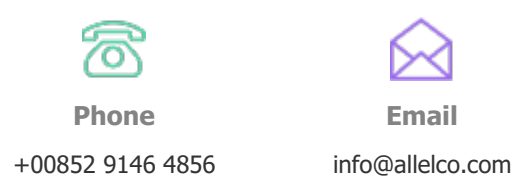
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



View More

Contact us

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