



Image may be representation.
See specifications for product details.



DG333ADW

Manufacturer Part Number	DG333ADW
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-DG333ADW
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SPDT X 4 450HM 20SOIC
Package	20-SOIC (0.295", 7.50mm Width)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

DG333ADW - Vishay Siliconix. New Original in Stock. Download Linear Technology DG333ADW datasheet/specifications on AllelcoElec.com.
Request a quote for DG333ADW, please send us email: info@allelco.com

Specifications

DG333ADW Tech Specifications

DG333ADW - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Number of Circuits	4
Voltage - Supply, Single (V+)	5V ~ 40V	Multiplexer/Demultiplexer Circuit	2:1
Voltage - Supply, Dual (V±)	±4V ~ 22V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	175ns, 145ns	Current - Leakage (IS(off)) (Max)	250pA
Switch Circuit	SPDT	Crosstalk	-80dB @ 1MHz
Supplier Device Package	20-SOIC	Charge Injection	10pC
Series	-	Channel-to-Channel Matching (ΔRon)	20hm (Max)
Package / Case	20-SOIC (0.295", 7.50mm Width)	Channel Capacitance (CS(off), CD(off))	8pF
Package	Tube	Base Product Number	DG333
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	450hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix DG333ADW

Product Attribute				
Part Number	DG333ADW	DG309DY-T1-E3	DG3516DB-T5-E1	DG3157DL-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
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	1:1	2:1	2:1
Supplier Device Package	20-SOIC	16-SOIC	10-Micro Foot® (2x1.5)	SC-70-6
Crosstalk	-80dB @ 1MHz	-95dB @ 100kHz	-78dB @ 1MHz	-64dB @ 10MHz
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Channel Capacitance (CS(off), CD(off))	8pF	5pF, 5pF	12pF	7pF
-3db Bandwidth	-	-	300MHz	300MHz
Charge Injection	10pC	1pC	1pC	7pC
Base Product Number	DG333	DG309	DG3516	DG3157
Voltage - Supply, Dual (V±)	±4V ~ 22V	±4V ~ 22V	-	-
Voltage - Supply, Single (V+)	5V ~ 40V	4V ~ 44V	1.8V ~ 5.5V	1.65V ~ 5.5V
Channel-to-Channel Matching (ΔRon)	20hm (Max)	1.70hm	250mOhm (Max)	800mOhm
Package / Case	20-SOIC (0.295", 7.50mm Width)	16-SOIC (0.154", 3.90mm Width)	10-WFBGA	6-TSSOP, SC-88, SOT-363
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Circuits	4	4	2	1
Switch Time (Ton, Toff) (Max)	175ns, 145ns	200ns, 150ns	45ns, 42ns	25ns, 21ns
Current - Leakage (IS(off)) (Max)	250pA	500pA	2nA	1μA
Switch Circuit	SPDT	SPST - NC	SPDT	SPDT
Series	-	-	-	-
On-State Resistance (Max)	450hm	850hm	2.90hm	150hm

DG333ADW Datasheet PDF

Download DG333ADW pdf datasheets and Vishay Siliconix documentation for DG333ADW - Vishay Siliconix.

PCN Assembly/Origin

SIL-005-2014-Rev-0 07/Mar/2014.pdf





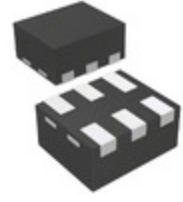













PCN Obsolescence/ EOL

Cylindrical Battery Holders.pdf

 Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

					
DG309DY-T1-E3 Vishay Siliconix IC SWITCH SPST-NCX4 850HM 16SOIC	DG3516DB-T5-E1 Vishay Siliconix IC SW SPDTX2 2.90HM 10MICRO FOOT	DG3157DL-T1-GE3 Vishay Siliconix IC SWITCH SPDT X 1 150HM SC70-6	DG3535DB-T1 Electro-Films (EFI) / Vishay	DG3157ADN-T1-E4 Vishay Siliconix IC SWITCH SPDTX1 150HM 6MINIQFN	DG333ADJ Vishay Siliconix IC SWITCH SPDT X 4 450HM 20DIP
					
DG3535DB-T5-E1 Vishay Siliconix IC SW SPDTX2 400MOHM 10MICRO FT	DG3535DB-T1-E1 Vishay Siliconix IC SW SPDTX2 400MOHM 10MICRO FT	DG3257DN-T1-GE4 Vishay Siliconix IC SWITCH SPDT X 1 60HM 6UDFN	DG381ABA Analog Devices Inc./Maxim Integrated IC SW SPST-NCX2 500HM TO100-10	DG3157EDL-T1-GE3 Vishay Siliconix IC SWITCH SPDT X 1 90HM SC70-6	DG3157DL-TI-E3 Electro-Films (EFI) / Vishay
					
DG333ADW-T1-E3 Vishay Siliconix IC SWITCH SPDT X 4 450HM 20SOIC	DG3333DW Electro-Films (EFI) / Vishay	DG3535ADB-T1-E1 Vishay Siliconix IC SW SPDTX2 400MOHM 10MICRO FT	DG3535DB-T1-E3 Electro-Films (EFI) / Vishay	DG3157DL-T1-E3 Vishay Siliconix IC SWITCH SPDT X 1 150HM SC70-6	DG309DY Analog Devices Inc./Maxim Integrated IC SW SPST-NCX4 1000HM 16SOIC

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 -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
--	--	---

Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
--	--

Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com