



# DG3535DB-T1-E1

Manufacturer Part Number	<b>DG3535DB-T1-E1</b>
Manufacturer	<b>Vishay / Siliconix</b>
Allelco Part Number	32D-DG3535DB-T1-E1
ECAD Model	Request Free CAD Models
Parts Description	IC SW SPDTX2 400MOHM 10MICRO FT
Package	10-WFBGA
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

Get a Quote

DG3535DB-T1-E1 - Vishay Siliconix. New Original in Stock. Download Linear Technology DG3535DB-T1-E1 datasheet/specifications on AllelcoElec.com.  
Request a quote for DG3535DB-T1-E1, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

DG3535DB-T1-E1 Tech Specifications  
DG3535DB-T1-E1 - 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+)	2.7V ~ 3.3V	Multiplexer/Demultiplexer Circuit	2:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	82ns, 73ns	Current - Leakage (IS(off)) (Max)	2nA
Switch Circuit	SPDT	Crosstalk	-69dB @ 100kHz
Supplier Device Package	10-Micro Foot® (2x1.5)	Charge Injection	21pC
Series	-	Channel-to-Channel Matching (ΔRon)	50mOhm (Max)
Package / Case	10-WFBGA	Channel Capacitance (CS(off), CD(off))	145pF
Package	Tape & Reel (TR)	Base Product Number	DG3535
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	400mOhm		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix DG3535DB-T1-E1

Product Attribute				
Part Number	DG3535DB-T1-E1	DG3257DN-T1-GE4	DG3535ADB-T1-E1	DG3157EDL-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Switch Time (Ton, Toff) (Max)	82ns, 73ns	50ns, 45ns	82ns, 73ns	-
Current - Leakage (IS(off)) (Max)	2nA	-	2nA	100nA
Base Product Number	DG3535	DG3257	DG3535	DG3157
Multiplexer/Demultiplexer Circuit	2:1	2:1	2:1	2:1
Supplier Device Package	10-Micro Foot® (2x1.5)	6-UDFN (1x1)	10-Micro Foot® (2x1.5)	SC-70-6
Voltage - Supply, Dual (V±)	-	-	-	-
Voltage - Supply, Single (V+)	2.7V ~ 3.3V	1.65V ~ 5.5V	2.7V ~ 3.3V	1.65V ~ 5.5V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
-3db Bandwidth	-	714MHz	-	580MHz
Package / Case	10-WFBGA	6-XDFDN	10-WFBGA	6-TSSOP, SC-88, SOT-363
Series	-	-	-	-
Channel Capacitance (CS(off), CD(off))	145pF	3pF, 9pF	145pF	-
Number of Circuits	2	1	2	1
Channel-to-Channel Matching (ΔRon)	50mOhm (Max)	600mOhm	50mOhm (Max)	90mOhm
Switch Circuit	SPDT	SPDT	SPDT	SPDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
On-State Resistance (Max)	400mOhm	60hm	400mOhm	90hm
Crosstalk	-69dB @ 100kHz	-32dB @ 240MHz	-69dB @ 100kHz	-61dB @ 10MHz
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C
Charge Injection	21pC	4pC	21pC	1.3pC

## DG3535DB-T1-E1 Datasheet PDF

Download DG3535DB-T1-E1 pdf datasheets and Vishay Siliconix documentation for DG3535DB-T1-E1 - Vishay Siliconix.

### PCN Obsolescence/ EOL



















Cylindrical Battery Holders.pdf

### HTML Datasheet

Cylindrical Battery Holders.pdf

## Customers Also Interested in

### Recommended Products

					
<b>DG3257DN-T1-GE4</b> Vishay Siliconix IC SWITCH SPDT X 1 60HM 6UDFN	<b>DG3535ADB-T1-E1</b> Vishay Siliconix IC SW SPDTX2 400MOHM 10MICRO FT	<b>DG3157EDL-T1-GE3</b> Vishay Siliconix IC SWITCH SPDT X 1 90HM SC70-6	<b>DG381AAK/883</b> SIL	<b>DG333ADW</b> Vishay Siliconix IC SWITCH SPDT X 4 450HM 20SOIC	<b>DG3535DB-T5-E1</b> Vishay Siliconix IC SW SPDTX2 400MOHM 10MICRO FT
					
<b>DG3535DB-T1</b> Electro-Films (EFI) / Vishay	<b>DG3516DB-T5-E1</b> Vishay Siliconix IC SW SPDTX2 2.90HM 10MICRO FOOT	<b>DG333DW</b> Electro-Films (EFI) / Vishay	<b>DG381ACJ+</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX2 500HM 14DIP	<b>DG333ADW-T1-E3</b> Vishay Siliconix IC SWITCH SPDT X 4 450HM 20SOIC	<b>DG381ABA</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NCX2 500HM T0100-10
					
<b>DG384AAK/883</b> Vishay Siliconix IC SW DPST-NOX2 500HM 16CERDIP	<b>DG3157DL-TI-E3</b> Electro-Films (EFI) / Vishay	<b>DG3535DB-T1-E3</b> Electro-Films (EFI) / Vishay	<b>DG333ADJ</b> Vishay Siliconix IC SWITCH SPDT X 4 450HM 20DIP	<b>DG381ACJ</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX2 500HM 14DIP	<b>DG384ACJ</b> Analog Devices Inc./Maxim Integrated IC SW GP ANLG CMOS 16-DIP

## 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

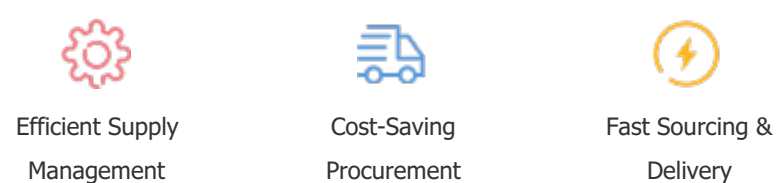
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

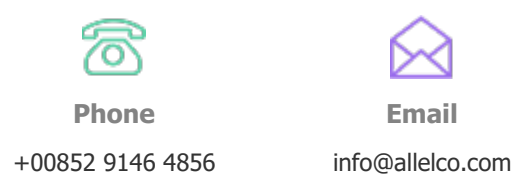
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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