

**DG3516DB-T5-E1 Information**


For Reference Only

**Part Number** DG3516DB-T5-E1  
**Manufacturer** Vishay Siliconix  
**Category** Integrated Circuits (ICs)  
 Interface - Analog Switches, Multiplexers, Demultiplexers  
**Description** IC SWITCH DUAL SPDT 10MICROFOOT  
**Package** 10-WFBGA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**DG3516DB-T5-E1 Specifications**

Manufacturer Part Number	DG3516DB-T5-E1
Manufacturer	Vishay Siliconix
Category	Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers
Package	10-WFBGA
Series	-
Switch Circuit	SPDT
Multiplexer/Demultiplexer Circuit	2:1
Number of Circuits	2
On-State Resistance (Max)	2.9 Ohm
Channel-to-Channel Matching (Ron)	250 mOhm (Max)
Voltage - Supply, Single (V+)	1.8 V ~ 5.5 V
Voltage - Supply, Dual (V±)	-
Switch Time (Ton, Toff) (Max)	45ns, 42ns
-3db Bandwidth	300MHz
Charge Injection	1pC
Channel Capacitance (CS(off), CD(off))	12pF
Current - Leakage (IS(off)) (Max)	2nA
Crosstalk	-78dB @ 1MHz
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	10-WFBGA
Supplier Device Package	10-Micro Foot? (4x3)

[Report errors?](#)

## DG3516DB-T5-E1 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## DG3516DB-T5-E1 Payment Methods



## DG3516DB-T5-E1 Shipping Methods



If you have any question about DG3516DB-T5-E1, please do not hesitate to contact us!

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