

DG643DY Information


For Reference Only

Part Number [DG643DY](#)
Manufacturer Vishay Siliconix
Category Integrated Circuits (ICs)
[Interface - Analog Switches, Multiplexers, Demultiplexers](#)
Description IC VIDEO SWITCH SPDT 16SOIC
Package 16-SOIC (0.154", 3.90mm Width)
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


DG643DY Specifications

Manufacturer Part Number	DG643DY
Manufacturer	Vishay Siliconix
Category	Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers
Package	16-SOIC (0.154", 3.90mm Width)
Series	-
Switch Circuit	SPDT
Multiplexer/Demultiplexer Circuit	2:1
Number of Circuits	2
On-State Resistance (Max)	15 Ohm
Channel-to-Channel Matching (Ron)	1 Ohm
Voltage - Supply, Single (V+)	3 V ~ 15 V
Voltage - Supply, Dual (V±)	±3 V ~ 15 V
Switch Time (Ton, Toff) (Max)	70ns, 50ns
-3db Bandwidth	500MHz
Charge Injection	19pC
Channel Capacitance (CS(off), CD(off))	12pF, 12pF
Current - Leakage (IS(off)) (Max)	10nA
Crosstalk	-87dB @ 5MHz
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	16-SOIC (0.154", 3.90mm Width)
Supplier Device Package	16-SOIC

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DG643DY 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.

DG643DY Payment Methods



DG643DY Shipping Methods



If you have any question about DG643DY, please do not hesitate to contact us!

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