

DG442LAK Information


For Reference Only

Part Number [DG442LAK](#)
Manufacturer Vishay Siliconix
Category Integrated Circuits (ICs)
[Interface - Analog Switches, Multiplexers, Demultiplexers](#)
Description IC SWITCH QUAD SPST 16CDIP
Package 16-CDIP (0.300", 7.62mm)
 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.


DG442LAK Specifications

Manufacturer Part Number	DG442LAK
Manufacturer	Vishay Siliconix
Category	Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers
Package	16-CDIP (0.300", 7.62mm)
Series	-
Switch Circuit	SPST - NO
Multiplexer/Demultiplexer Circuit	1:1
Number of Circuits	4
On-State Resistance (Max)	30 Ohm
Channel-to-Channel Matching (Ron)	100 mOhm
Voltage - Supply, Single (V+)	2.7 V ~ 12 V
Voltage - Supply, Dual (V±)	±3 V ~ 6 V
Switch Time (Ton, Toff) (Max)	60ns, 35ns
-3db Bandwidth	280MHz
Charge Injection	5pC
Channel Capacitance (CS(off), CD(off))	5pF, 6pF
Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-95dB @ 1MHz
Operating Temperature	-55°C ~ 125°C (TA)
Package / Case	16-CDIP (0.300", 7.62mm)
Supplier Device Package	16-CERDIP

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DG442LAK 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.

DG442LAK Payment Methods



DG442LAK Shipping Methods



If you have any question about DG442LAK, please do not hesitate to contact us!

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