

DG642DY Information


For Reference Only

Part Number [DG642DY](#)
Manufacturer Vishay Siliconix
Category Integrated Circuits (ICs)
[Interface - Analog Switches, Multiplexers, Demultiplexers](#)
Description IC VIDEO SWITCH SPDT 8SOIC
Package 8-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.


DG642DY Specifications

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| Manufacturer Part Number | DG642DY |
| Manufacturer | Vishay Siliconix |
| Category | Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers |
| Package | 8-SOIC (0.154", 3.90mm Width) |
| Series | - |
| Switch Circuit | SPDT |
| Multiplexer/Demultiplexer Circuit | 2:1 |
| Number of Circuits | 1 |
| On-State Resistance (Max) | 8 Ohm |
| Channel-to-Channel Matching (Ron) | 500 mOhm |
| Voltage - Supply, Single (V+) | 3 V ~ 15 V |
| Voltage - Supply, Dual (V±) | ±3 V ~ 15 V |
| Switch Time (Ton, Toff) (Max) | 100ns, 60ns |
| -3db Bandwidth | 500MHz |
| Charge Injection | 40pC |
| Channel Capacitance (CS(off), CD(off)) | 20pF, 20pF |
| Current - Leakage (IS(off)) (Max) | 10nA |
| Crosstalk | -85dB @ 5MHz |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) |
| Supplier Device Package | 8-SOIC |

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DG642DY 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.

DG642DY Payment Methods



DG642DY Shipping Methods



If you have any question about DG642DY, please do not hesitate to contact us!

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