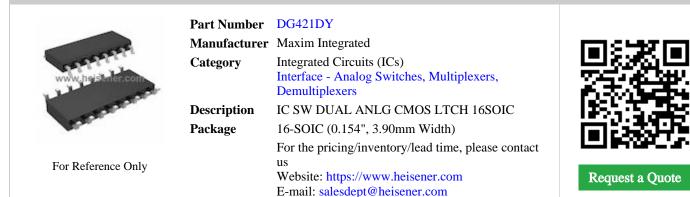


# DG421DY

## **DG421DY Information**



## **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.



## **DG421DY Specifications**

| Manufacturer Part Number               | DG421DY   |
|--|---|
| Manufacturer                           | Maxim Integrated  |
| Category                               | Integrated Circuits (ICs)                                 |
|  | Interface - Analog Switches, Multiplexers, Demultiplexers |
| Package                                | 16-SOIC (0.154", 3.90mm Width)                            |
| Series                                 | -   |
| Switch Circuit                         | SPST - NO   |
| Multiplexer/Demultiplexer Circuit      | 1:1   |
| Number of Circuits                     | 2   |
| On-State Resistance (Max)              | 35 Ohm  |
| Channel-to-Channel Matching (Ron)      | 3 Ohm (Max)   |
| Voltage - Supply, Single (V+)          | 10 V ~ 30 V   |
| Voltage - Supply, Dual (V±)            | ±4.5 V ~ 20 V   |
| Switch Time (Ton, Toff) (Max)          | 250ns, 200ns  |
| -3db Bandwidth                         | -   |
| Charge Injection                       | 10pC  |
| Channel Capacitance (CS(off), CD(off)) | 12pF, 12pF  |
| Current - Leakage (IS(off)) (Max)      | 500pA   |
| Crosstalk                              | -90dB @ 1MHz  |
| Operating Temperature                  | -40°C ~ 85°C (TA)   |
| Package / Case                         | 16-SOIC (0.154", 3.90mm Width)                            |
| Supplier Device Package                | 16-SO   |
|  | Report errors?  |

#### **DG421DY 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.

#### VICE Ser We

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.



If you have any question about DG421DY, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com