

**DG506AEWI+ Information**


For Reference Only

**Part Number** [DG506AEWI+](#)  
**Manufacturer** Maxim Integrated  
**Category** Integrated Circuits (ICs)  
[Interface - Analog Switches, Multiplexers, Demultiplexers](#)  
**Description** IC MULTIPLEXER 16X1 28SOIC  
**Package** 28-SOIC (0.295", 7.50mm Width)  
 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.


**DG506AEWI+ Specifications**

Manufacturer Part Number	<a href="#">DG506AEWI+</a>
Manufacturer	Maxim Integrated
Category	Integrated Circuits (ICs) <a href="#">Interface - Analog Switches, Multiplexers, Demultiplexers</a>
Package	28-SOIC (0.295", 7.50mm Width)
Series	-
Switch Circuit	-
Multiplexer/Demultiplexer Circuit	16:1
Number of Circuits	1
On-State Resistance (Max)	450 Ohm
Channel-to-Channel Matching (Ron)	-
Voltage - Supply, Single (V+)	-
Voltage - Supply, Dual (V±)	±4.5 V ~ 18 V
Switch Time (Ton, Toff) (Max)	1µs, 400ns
-3db Bandwidth	-
Charge Injection	-
Channel Capacitance (CS(off), CD(off))	6pF, 45pF
Current - Leakage (IS(off)) (Max)	5nA
Crosstalk	-
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	28-SOIC (0.295", 7.50mm Width)
Supplier Device Package	28-SOIC

[Report errors?](#)

## DG506AEWI+ 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.

## DG506AEWI+ Payment Methods



## DG506AEWI+ Shipping Methods



If you have any question about DG506AEWI+, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)