

**LM311N Information**


For Reference Only

**Part Number** [LM311N](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[Linear - Comparators](#)  
**Description** IC VOLTAGE COMPARATOR 8-DIP  
**Package** 8-DIP (0.300", 7.62mm)  
 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.


**LM311N Specifications**

Manufacturer Part Number	<a href="#">LM311N</a>
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs) <a href="#">Linear - Comparators</a>
Package	8-DIP (0.300", 7.62mm)
Series	-
Type	General Purpose
Number of Elements	1
Output Type	DTL, MOS, Open-Collector, Open-Emitter, RTL, TTL
Voltage - Supply, Single/Dual ( $\pm$ )	5 V ~ 30 V, $\pm 2.5$ V ~ 15 V
Voltage - Input Offset (Max)	7.5mV @ $\pm 15$ V
Current - Input Bias (Max)	0.25 $\mu$ A @ $\pm 15$ V
Current - Output (Typ)	50mA
Current - Quiescent (Max)	7.5mA
CMRR, PSRR (Typ)	-
Propagation Delay (Max)	-
Hysteresis	-
Operating Temperature	0°C ~ 70°C
Package / Case	8-DIP (0.300", 7.62mm)
Mounting Type	Through Hole
Supplier Device Package	8-DIP

[Report errors?](#)

## LM311N 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.

## LM311N Payment Methods



## LM311N Shipping Methods



If you have any question about LM311N, please do not hesitate to contact us!

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