

UCLAMP1871P.TNT Information


For Reference Only

Part Number [UCLAMP1871P.TNT](#)
Manufacturer Semtech Corporation
Category Circuit Protection
[TVS - Diodes](#)
Description TVS DIODE 18VWM 45VC SGP1610N2
Package 2-UDFN
 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.


UCLAMP1871P.TNT Specifications

| | |
|----------------------------------|--|
| Manufacturer Part Number | UCLAMP1871P.TNT |
| Manufacturer | Semtech Corporation |
| Category | Circuit Protection TVS - Diodes |
| Package | 2-UDFN |
| Series | Automotive, AEC-Q100, uClamp? |
| Type | Zener |
| Unidirectional Channels | 1 |
| Bidirectional Channels | - |
| Voltage - Reverse Standoff (Typ) | 18V (Max) |
| Voltage - Breakdown (Min) | 20V |
| Voltage - Clamping (Max) @ Ipp | 45V |
| Current - Peak Pulse (10/1000µs) | 35A (8/20µs) |
| Power - Peak Pulse | - |
| Power Line Protection | No |
| Applications | Automotive |
| Capacitance @ Frequency | 225pF @ 1MHz |
| Operating Temperature | -40°C ~ 125°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | 2-UDFN |
| Supplier Device Package | SGP1610N2 |

[Report errors?](#)

UCLAMP1871P.TNT 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.

UCLAMP1871P.TNT Payment Methods



UCLAMP1871P.TNT Shipping Methods



If you have any question about UCLAMP1871P.TNT, please do not hesitate to contact us!

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