

NSS12501UW3T2G Information


For Reference Only

Part Number [NSS12501UW3T2G](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - Bipolar \(BJT\) - Single](#)
Description TRANS NPN 12V 5A 3-WDFN
Package 3-WDFN Exposed Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


NSS12501UW3T2G Specifications

Manufacturer Part Number	NSS12501UW3T2G
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
Package	3-WDFN Exposed Pad
Series	-
Transistor Type	NPN
Current - Collector (Ic) (Max)	5A
Voltage - Collector Emitter Breakdown (Max)	12V
Vce Saturation (Max) @ Ib, Ic	120mV @ 400mA, 4A
Current - Collector Cutoff (Max)	100nA (ICBO)
DC Current Gain (hFE) (Min) @ Ic, Vce	200 @ 2A, 2V
Power - Max	875mW
Frequency - Transition	150MHz
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	3-WDFN Exposed Pad
Supplier Device Package	3-WDFN (2x2)

[Report errors?](#)

NSS12501UW3T2G 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.

NSS12501UW3T2G Payment Methods



NSS12501UW3T2G Shipping Methods



If you have any question about NSS12501UW3T2G, please do not hesitate to contact us!

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