

**NTLUS3A18PZCTCG Information**


For Reference Only

**Part Number** [NTLUS3A18PZCTCG](#)  
**Manufacturer** ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET P-CH 20V 8.2A UDFN  
**Package** 6-UDFN Exposed Pad  
 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.


**NTLUS3A18PZCTCG Specifications**

Manufacturer Part Number	<a href="#">NTLUS3A18PZCTCG</a>
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	6-UDFN Exposed Pad
Series	-
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V <sub>dss</sub> )	20V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	5.1A (T <sub>a</sub> )
Drive Voltage (Max R <sub>ds</sub> On, Min R <sub>ds</sub> On)	1.5V, 4.5V
V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>	1V @ 250μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	28nC @ 4.5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	2240pF @ 15V
V <sub>gs</sub> (Max)	±8V
FET Feature	-
Power Dissipation (Max)	-
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	18 mOhm @ 7A, 4.5V
Operating Temperature	-
Mounting Type	Surface Mount
Supplier Device Package	6-UDFN (2x2)
Package / Case	6-UDFN Exposed Pad

[Report errors?](#)

## NTLUS3A18PZCTCG 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.

## NTLUS3A18PZCTCG Payment Methods



## NTLUS3A18PZCTCG Shipping Methods



If you have any question about NTLUS3A18PZCTCG, please do not hesitate to contact us!

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