

NTD20N03L27 Information


For Reference Only

Part Number [NTD20N03L27](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 20A DPAK
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 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.


NTD20N03L27 Specifications

Manufacturer Part Number	NTD20N03L27
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	30V
Current - Continuous Drain (I _d) @ 25°C	20A (Ta)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4V, 5V
V _{gs} (th) (Max) @ I _d	2V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	18.9nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	1260pF @ 25V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1.75W (Ta), 74W (Tc)
R _{ds} On (Max) @ I _d , V _{gs}	27 mOhm @ 10A, 5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DPAK
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63

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NTD20N03L27 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.

NTD20N03L27 Payment Methods



NTD20N03L27 Shipping Methods



If you have any question about NTD20N03L27, please do not hesitate to contact us!

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