

PSMN165-200K,518 Information


For Reference Only

Part Number [PSMN165-200K,518](#)
Manufacturer Nexperia USA Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 200V 2.9A SOT96-1
Package 8-SOIC (0.154", 3.90mm Width)
 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.


PSMN165-200K,518 Specifications

| | |
|--|---|
| Manufacturer Part Number | PSMN165-200K,518 |
| Manufacturer | Nexperia USA Inc. |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | 8-SOIC (0.154", 3.90mm Width) |
| Series | TrenchMOS? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 200V |
| Current - Continuous Drain (Id) @ 25°C | 2.9A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4V @ 1mA |
| Gate Charge (Qg) (Max) @ Vgs | 40nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 1330pF @ 25V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 3.5W (Tc) |
| Rds On (Max) @ Id, Vgs | 165 mOhm @ 2.5A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | 8-SO |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) |

[Report errors?](#)

PSMN165-200K,518 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.

PSMN165-200K,518 Payment Methods



PSMN165-200K,518 Shipping Methods



If you have any question about PSMN165-200K,518, please do not hesitate to contact us!

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