

PSMN041-80YLX Information


For Reference Only

Part Number [PSMN041-80YLX](#)
Manufacturer Nexperia USA Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 80V 25A LPAK
Package SC-100, SOT-669
 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.


PSMN041-80YLX Specifications

| | |
|--|---|
| Manufacturer Part Number | PSMN041-80YLX |
| Manufacturer | Nexperia USA Inc. |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | SC-100, SOT-669 |
| Series | - |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (V _{ds}) | 80V |
| Current - Continuous Drain (I _d) @ 25°C | 25A (Tc) |
| Drive Voltage (Max R _{ds} On, Min R _{ds} On) | 5V, 10V |
| V _{gs} (th) (Max) @ I _d | 2.1V @ 1mA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 21.9nC @ 10V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 1108pF @ 25V |
| V _{gs} (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 64W (Tc) |
| R _{ds} On (Max) @ I _d , V _{gs} | 41 mOhm @ 5A, 10V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | LFPAK56, Power-SO8 |
| Package / Case | SC-100, SOT-669 |

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PSMN041-80YLX 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.

PSMN041-80YLX Payment Methods



PSMN041-80YLX Shipping Methods



If you have any question about PSMN041-80YLX, please do not hesitate to contact us!

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