

PSMN5R3-25MLDX Information


For Reference Only

Part Number [PSMN5R3-25MLDX](#)
Manufacturer Nexperia USA Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description PSMN5R3-25MLD/MLPAK/REEL 7 Q
Package SOT-1210, 8-LPAK33 (5-Lead)
 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.


PSMN5R3-25MLDX Specifications

Manufacturer Part Number	PSMN5R3-25MLDX
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-1210, 8-LPAK33 (5-Lead)
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	25V
Current - Continuous Drain (I _d) @ 25°C	70A
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4.5V, 10V
V _{gs} (th) (Max) @ I _d	2.2V @ 1mA
Gate Charge (Q _g) (Max) @ V _{gs}	12.7nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	858pF @ 12V
V _{gs} (Max)	±20V
FET Feature	Schottky Diode (Body)
Power Dissipation (Max)	51W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	5.9 mOhm @ 15A, 10V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	LPAK33
Package / Case	SOT-1210, 8-LPAK33 (5-Lead)

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PSMN5R3-25MLDX 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.

PSMN5R3-25MLDX Payment Methods



PSMN5R3-25MLDX Shipping Methods



If you have any question about PSMN5R3-25MLDX, please do not hesitate to contact us!

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