

**PSMN6R1-25MLDX Information**


For Reference Only

**Part Number** [PSMN6R1-25MLDX](#)  
**Manufacturer** Nexperia USA Inc.  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** PSMN6R1-25MLD/MLFPAK/REEL 7 Q  
**Package** SOT-1210, 8-LFPAK33 (5-Lead)  
 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.


**PSMN6R1-25MLDX Specifications**

Manufacturer Part Number	<a href="#">PSMN6R1-25MLDX</a>
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	SOT-1210, 8-LFPAK33 (5-Lead)
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V <sub>dss</sub> )	25V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	60A
Drive Voltage (Max R <sub>ds On</sub> , Min R <sub>ds On</sub> )	4.5V, 10V
V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>	2.2V @ 1mA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	10.7nC @ 10V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	702pF @ 12V
V <sub>gs</sub> (Max)	±20V
FET Feature	Schottky Diode (Body)
Power Dissipation (Max)	43W (T <sub>c</sub> )
R <sub>ds On</sub> (Max) @ I <sub>d</sub> , V <sub>gs</sub>	7.24 mOhm @ 15A, 10V
Operating Temperature	-55°C ~ 175°C (T <sub>J</sub> )
Mounting Type	Surface Mount
Supplier Device Package	LFPAK33
Package / Case	SOT-1210, 8-LFPAK33 (5-Lead)

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## PSMN6R1-25MLDX 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.

## PSMN6R1-25MLDX Payment Methods



## PSMN6R1-25MLDX Shipping Methods



If you have any question about PSMN6R1-25MLDX, please do not hesitate to contact us!

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