

**PSMN8R2-80YS,115 Information**


For Reference Only

**Part Number** PSMN8R2-80YS,115  
**Manufacturer** Nexperia USA Inc.  
**Category** Discrete Semiconductor Products  
           Transistors - FETs, MOSFETs - Single  
**Description** MOSFET N-CH 80V 82A 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](mailto: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.


**PSMN8R2-80YS,115 Specifications**

Manufacturer Part Number	PSMN8R2-80YS,115
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 <sub>dss</sub> )	80V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	82A (T <sub>c</sub> )
Drive Voltage (Max R <sub>ds On</sub> , Min R <sub>ds On</sub> )	10V
V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>	4V @ 1mA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	55nC @ 10V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	3640pF @ 40V
V <sub>gs</sub> (Max)	±20V
FET Feature	-
Power Dissipation (Max)	130W (T <sub>c</sub> )
R <sub>ds On</sub> (Max) @ I <sub>d</sub> , V <sub>gs</sub>	8.5 mOhm @ 15A, 10V
Operating Temperature	-55°C ~ 175°C (T <sub>J</sub> )
Mounting Type	Surface Mount
Supplier Device Package	LFPAK56, Power-SO8
Package / Case	SC-100, SOT-669

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## PSMN8R2-80YS,115 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.

## PSMN8R2-80YS,115 Payment Methods



## PSMN8R2-80YS,115 Shipping Methods



If you have any question about PSMN8R2-80YS,115, please do not hesitate to contact us!

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