


	<b>PSMN1R5-25YL,115</b>
	<b>Manufacturer Part Number:</b> <a href="#">PSMN1R5-25YL,115</a>
	<b>Manufacturer/Brand:</b> Nexperia
	<b>Part of Description:</b> MOSFET N-CH 25V 100A LPAK
<b>Datasheets:</b>	 <a href="#">PSMN1R5-25YL,115.pdf</a>
<b>RoHs Status:</b>	 Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	<a href="#">PSMN1R5-25YL,115</a>
Manufacturer	Nexperia
Description	MOSFET N-CH 25V 100A LPAK
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Vgs(th) (Max) @ Id	2.15V @ 1mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	LPAK56, Power-SO8
Series	TrenchMOS™
Rds On (Max) @ Id, Vgs	1.5 mOhm @ 15A, 10V
Power Dissipation (Max)	109W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	SC-100, SOT-669
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	4830pF @ 12V
Gate Charge (Qg) (Max) @ Vgs	76nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	25V
Current - Continuous Drain (Id) @ 25°C	100A (Tc)

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