



	<b>Manufacturer Part Number:</b> PSMN8R5-100ESQ
	<b>Manufacturer/Brand:</b> Nexperia
	<b>Part of Description:</b> MOSFET N-CH 100V 100A I2PAK
	<b>Datasheets:</b>  <a href="#">PSMN8R5-100ESQ.pdf</a>
	<b>RoHs Status:</b>  Lead free by exemption / RoHS
	<b>Stock Condition:</b> Compliant New original, Stock Available.
	<b>Ship From:</b> Hong Kong
Image may be representation. See specs for product details.	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	PSMN8R5-100ESQ
Manufacturer	Nexperia
Description	MOSFET N-CH 100V 100A I2PAK
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	4V @ 1mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	I2PAK
Series	-
Rds On (Max) @ Id, Vgs	8.5 mOhm @ 25A, 10V
Power Dissipation (Max)	263W (Tc)
Packaging	Tube
Package / Case	TO-262-3 Long Leads, I <sup>2</sup> Pak, TO-262AA
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	5512pF @ 50V
Gate Charge (Qg) (Max) @ Vgs	111nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	100A (Tj)

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PSMN8R5-100ESQ Electronic	PSMN8R5-100ESQ Components	PSMN8R5-100ESQ Distributor	PSMN8R5-100ESQ Image	PSMN8R5-100ESQ Part
PSMN8R5-100ESQ Price	PSMN8R5-100ESQ Manufacturer	PSMN8R5-100ESQ Picture	PSMN8R5-100ESQ Stock	PSMN8R5-100ESQ Inventory
PSMN8R5-100ESQ New	PSMN8R5-100ESQ Original	PSMN8R5-100ESQ Warranted	PSMN8R5-100ESQ RFQ	PSMN8R5-100ESQ Order Online

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