





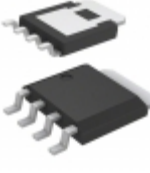
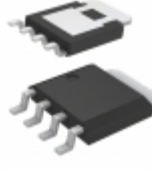


	<b>PSMN1R0-30YLC,115</b>
	<b>Manufacturer Part Number:</b> PSMN1R0-30YLC,115 <b>Manufacturer/Brand:</b> Nexperia <b>Part of Description:</b> MOSFET N-CH 30V 100A LPAK <b>Datasheets:</b> <a href="#">1.PSMN1R0-30YLC,115.pdf</a> <a href="#">2.PSMN1R0-30YLC,115.pdf</a> <b>RoHs Status:</b>  Lead free / RoHS <b>Stock Condition:</b> Compliant New original, 295 pcs 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	PSMN1R0-30YLC,115
Manufacturer	Nexperia
Description	MOSFET N-CH 30V 100A LPAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	295 pcs Stock
Vgs(th) (Max) @ Id	1.95V @ 1mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	LPAK56, Power-SO8
Series	-
Rds On (Max) @ Id, Vgs	1.15 mOhm @ 25A, 10V
Power Dissipation (Max)	272W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	SC-100, SOT-669
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	6645pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	103.5nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	100A (Tc)

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