





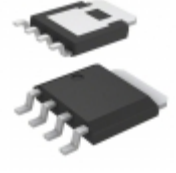

	<b>Manufacturer Part Number:</b> PSMN1R0-25YLDX
	<b>Manufacturer/Brand:</b> Nexperia
	<b>Part of Description:</b> PSMN1R0-25YLD/LFPAK/REEL 7 Q1
	<b>Datasheets:</b>  <a href="#">PSMN1R0-25YLDX.pdf</a>
	<b>RoHs Status:</b>  Lead free by exemption / RoHS
	<b>Stock Condition:</b> Compliant New original, 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	PSMN1R0-25YLDX
Manufacturer	Nexperia
Description	PSMN1R0-25YLD/LFPAK/REEL 7 Q1
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	2.2V @ 1mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	LFPAK56, Power-SO8
Series	-
Rds On (Max) @ Id, Vgs	0.89 mOhm @ 25A, 10V
Power Dissipation (Max)	160W (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	5308pF @ 12V
Gate Charge (Qg) (Max) @ Vgs	71.8nC @ 10V
FET Type	N-Channel
FET Feature	Schottky Diode (Body)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	25V
Current - Continuous Drain (Id) @ 25°C	100A

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 <p><b>PSMN165-200K,518</b> Nexperia USA Inc. MOSFET N-CH 200V 2.9A SOT96-1</p>	 <p><b>PSMN165-200K+518</b> NXP PSMN165-200K+518 NXP</p>	 <p><b>PSMN1R0-30YLC,115</b> Nexperia USA Inc. MOSFET N-CH 30V 100A LFPAK</p>	 <p><b>PSMN130-200D,118</b> Nexperia USA Inc. MOSFET N-CH 200V 20A DPAK</p>

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PSMN1R0-25YLDX Price	PSMN1R0-25YLDX Manufacturer	PSMN1R0-25YLDX Picture	PSMN1R0-25YLDX Stock	PSMN1R0-25YLDX Inventory
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