







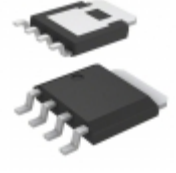

	Manufacturer Part Number: PSMN1R0-30YLDX
	Manufacturer/Brand: Nexperia
	Part of Description: MOSFET N-CH 30V 100A LPAK
	Datasheets:  PSMN1R0-30YLDX.pdf
	RoHs Status:  Lead free / RoHS
	Stock Condition: Compliant New original, Stock Available.
	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	PSMN1R0-30YLDX
Manufacturer	Nexperia
Description	MOSFET N-CH 30V 100A LPAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	2.2V @ 2mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	LPAK56, Power-SO8
Series	-
Rds On (Max) @ Id, Vgs	1.02 mOhm @ 25A, 10V
Power Dissipation (Max)	238W (Tc)
Packaging	Original-Reel®
Package / Case	SC-100, SOT-669
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	8598pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	121.35nC @ 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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Contact us: Info@Y-IC.com

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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