









	Manufacturer Part Number: PSMN0R9-30YLDX
	Manufacturer/Brand: Nexperia
	Part of Description: MOSFET N-CH 30V 100A 56LFPAK
	Datasheets:  PSMN0R9-30YLDX.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	PSMN0R9-30YLDX
Manufacturer	Nexperia
Description	MOSFET N-CH 30V 100A 56LFPAK
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	0.87 mOhm @ 25A, 10V
Power Dissipation (Max)	349W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	SOT-1023, 4-LFPAK
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	7668pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	109nC @ 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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 PSMN102-200Y,115 Nexperia USA Inc. MOSFET N-CH 200V 21.5A LFPAK	 PSMN0R9-30YLD NXP PSMN0R9-30YLD NXP	 PSMN130-200D+118 NXP PSMN130-200D+118 NXP	 PSMN165-200K PHI PSMN165-200K PHI

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