


	PSMN013-100YSEX
	Manufacturer Part Number: PSMN013-100YSEX
	Manufacturer/Brand: Nexperia
	Part of Description: MOSFET N-CH 100V LPAK
Datasheets:  PSMN013-100YSEX.pdf	RoHS Status:  Lead free / RoHS
Stock Condition: Compliant New original, Stock Available.	Ship From: Hong Kong
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Specifications

Part Number	PSMN013-100YSEX
Manufacturer	Nexperia
Description	MOSFET N-CH 100V LPAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	4V @ 1mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	LPAK56, Power-SO8
Series	-
Rds On (Max) @ Id, Vgs	13 mOhm @ 20A, 10V
Power Dissipation (Max)	238W (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	3775pF @ 50V
Gate Charge (Qg) (Max) @ Vgs	16nC @ 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	82A (Tj)

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PSMN013-100YSEX Price	PSMN013-100YSEX Manufacturer	PSMN013-100YSEX Picture	PSMN013-100YSEX Stock	PSMN013-100YSEX Inventory
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