


	PSMN4R5-40BS,118
	Manufacturer Part Number: PSMN4R5-40BS,118
	Manufacturer/Brand: Nexperia
	Part of Description: MOSFET N-CH 40V 100A D2PAK
Datasheets:  PSMN4R5-40BS,118.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	PSMN4R5-40BS,118
Manufacturer	Nexperia
Description	MOSFET N-CH 40V 100A D2PAK
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	D2PAK
Series	-
Rds On (Max) @ Id, Vgs	4.5 mOhm @ 25A, 10V
Power Dissipation (Max)	148W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	2683pF @ 20V
Gate Charge (Qg) (Max) @ Vgs	42.3nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	100A (Tc)

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