





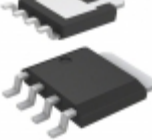

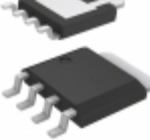
	<b>PSMN027-100BS,118</b>
	<b>Manufacturer Part Number:</b> PSMN027-100BS,118
	<b>Manufacturer/Brand:</b> Nexperia
	<b>Part of Description:</b> MOSFET N-CH 100V 37A D2PAK
<b>Datasheets:</b>	 <a href="#">PSMN027-100BS,118.pdf</a>
<b>RoHS Status:</b>	 Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

**Specifications**

Part Number	PSMN027-100BS,118
Manufacturer	Nexperia
Description	MOSFET N-CH 100V 37A 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	26.8 mOhm @ 15A, 10V
Power Dissipation (Max)	103W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	1624pF @ 50V
Gate Charge (Qg) (Max) @ Vgs	30nC @ 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	37A (Tc)

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