


	<b>Manufacturer Part Number:</b> <a href="#">BUK9637-100E,118</a>
	<b>Manufacturer/Brand:</b> Nexperia
	<b>Part of Description:</b> MOSFET N-CH 100V 31A D2PAK
	<b>Datasheets:</b>  <a href="#">BUK9637-100E,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	<a href="#">BUK9637-100E,118</a>
Manufacturer	Nexperia
Description	MOSFET N-CH 100V 31A D2PAK
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Vgs(th) (Max) @ Id	2.1V @ 1mA
Technology	MOSFET (Metal Oxide)
Supplier Device Package	D2PAK
Series	Automotive, AEC-Q101, TrenchMOS™
Rds On (Max) @ Id, Vgs	36 mOhm @ 10A, 10V
Power Dissipation (Max)	96W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	2681pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	22.8nC @ 5V
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	31A (Tc)

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 <p><b>BUK9635-55</b> PHILIPS BUK9635-55 PHILIPS</p>	 <p><b>BUK9635-55,118</b> NXP USA Inc. MOSFET N-CH 55V 34A D2PAK</p>	 <p><b>BUK9635-55A,118</b> Nexperia USA Inc. MOSFET N-CH 55V 34A D2PAK</p>	 <p><b>BUK9640-100A</b> N BUK9640-100A N</p>

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