


	<b>Manufacturer Part Number:</b> <a href="#">BUK7Y12-100EX</a>
	<b>Manufacturer/Brand:</b> Nexperia
	<b>Part of Description:</b> MOSFET N-CH 100V 85A LPAK
	<b>Datasheets:</b>  <a href="#">BUK7Y12-100EX.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.	




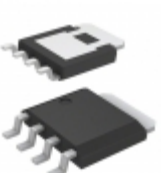
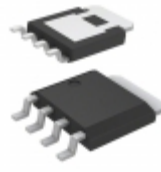



### Specifications

Part Number	<a href="#">BUK7Y12-100EX</a>
Manufacturer	Nexperia
Description	MOSFET N-CH 100V 85A LPAK
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	4V @ 1mA
Technology	MOSFET (Metal Oxide)
Supplier Device Package	LPAK56, Power-SO8
Series	TrenchMOS™
Rds On (Max) @ Id, Vgs	12 mOhm @ 25A, 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	5067pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	68nC @ 10V
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	85A (Tc)

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 <p><b>BUK7Y113-100EX</b> Nexperia USA Inc. MOSFET N-CH 100V 12A LPAK</p>	 <p><b>BUK7Y10-30B,115</b> Nexperia USA Inc. MOSFET N-CH 30V 67A LPAK</p>	 <p><b>BUK7Y12-80EX</b> NXP USA Inc. MOSFET N-CH 80V LPAK</p>	 <p><b>BUK7Y10-30B</b> NXP BUK7Y10-30B NXP</p>

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