

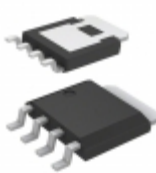



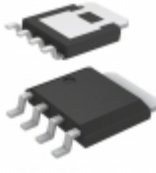



	<h2 style="color: #e67e22;">BUK7Y2R0-40HX</h2>	
	<b>Manufacturer Part Number:</b>	<a href="#">BUK7Y2R0-40HX</a>
	<b>Manufacturer/Brand:</b>	<a href="#">Nexperia</a>
	<b>Part of Description:</b>	MOSFET N-CH 40V 120A LFPAK56
<b>Datasheets:</b>	 <a href="#">BUK7Y2R0-40HX.pdf</a>	
<b>RoHs Status:</b>		
<b>Stock Condition:</b>	New original, Stock Available.	
<b>Ship From:</b>	Hong Kong	
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS	
<p>Image may be representation. See specs for product details.</p>		

### Specifications

Part Number	<a href="#">BUK7Y2R0-40HX</a>
Manufacturer	<a href="#">Nexperia</a>
Description	MOSFET N-CH 40V 120A LFPAK56
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	3.6V @ 1mA
Vgs (Max)	+20V, -10V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	LFPAK56, Power-SO8
Series	Automotive, AEC-Q101
Rds On (Max) @ Id, Vgs	2 mOhm @ 25A, 10V
Power Dissipation (Max)	217W (Ta)
Packaging	Original-Reel®
Package / Case	SC-100, SOT-669, 4-LFPAK
Other Names	1727-7421-6
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Input Capacitance (Ciss) (Max) @ Vds	5450pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	90.5nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	40V
Detailed Description	N-Channel 40V 120A (Ta) 217W (Ta) Surface Mount
Current - Continuous Drain (Id) @ 25°C	120A (Ta)

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 <b>BUK7Y35-55B,115</b> NXP USA Inc. MOSFET N-CH 55V 28.43A LFPAK	 <b>BUK7Y29-40EX</b> Nexperia USA Inc. MOSFET N-CH 40V 26A LFPAK	 <b>BUK7Y25-80EX</b> Nexperia USA Inc. MOSFET N-CH 80V 39A LFPAK	 <b>BUK7Y2R5-40HX</b> Nexperia MOSFET N-CH 40V 120A LFPAK56

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