

## BUK664R8-75C,118



**nexperia**

**Part Number:** [BUK664R8-75C,118](#)

**Manufacturer:** [Nexperia](#)

**Description:** MOSFET N-CH 75V 120A D2PAK

**Data sheet:** [PDF BUK664R8-75C](#)

**RoHS Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">BUK664R8-75C,118</a>
<b>Manufacturer</b>	<a href="#">Nexperia</a>
<b>Description</b>	MOSFET N-CH 75V 120A D2PAK
<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>Quantity Available</b>	61835 pcs
<b>Product Photo</b>	<a href="#">BUK664R8-75C,118.jpg</a>
<b>Category</b>	<a href="#">Discrete Semiconductor Products</a>
<b>Vgs(th) (Max) @ Id</b>	2.8V @ 1mA
<b>Vgs (Max)</b>	±16V
<b>Technology</b>	MOSFET (Metal Oxide)
<b>Supplier Device Package</b>	D2PAK
<b>Series</b>	Automotive, AEC-Q101, TrenchMOS™
<b>Rds On (Max) @ Id, Vgs</b>	5 mOhm @ 25A, 10V
<b>Power Dissipation (Max)</b>	263W (Tc)
<b>Packaging</b>	Cut Tape (CT)
<b>Package / Case</b>	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB
<b>Other Names</b>	1727-5527-1 568-7006-1 568-7006-1-ND
<b>Operating Temperature</b>	-55°C ~ 175°C (TJ)
<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>Input Capacitance (Ciss) (Max) @ Vds</b>	11400pF @ 25V
<b>Gate Charge (Qg) (Max) @ Vgs</b>	177nC @ 10V
<b>FET Type</b>	N-Channel
<b>FET Feature</b>	-
<b>Drive Voltage (Max Rds On, Min Rds On)</b>	4.5V, 10V
<b>Drain to Source Voltage (Vdss)</b>	75V
<b>Detailed Description</b>	N-Channel 75V 120A (Tc) 263W (Tc) Surface Mount D2PAK
<b>Current - Continuous Drain (Id) @ 25°C</b>	120A (Tc)

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">BUK663R5-55C,118</a> <b>Description:</b> MOSFET N-CH 55V 120A D2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 5555	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK662R5-30C,118</a> <b>Description:</b> MOSFET N-CH 30V 100A D2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 79287	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK6E3R2-55C,127</a> <b>Description:</b> MOSFET N-CH 55V 120A I2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 4964	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK664R6-40C,118</a> <b>Description:</b> MOSFET N-CH 40V 100A D2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 65221	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK6E3R4-40C,127</a> <b>Description:</b> MOSFET N-CH 40V 100A I2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 5679	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK6C2R1-55C,118</a> <b>Description:</b> MOSFET N-CH 55V 228A D2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 31054	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK6D23-40EX</a> <b>Description:</b> BUK6D23-40E/SOT1220/SOT1220	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 294193	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK662R4-40C,118</a> <b>Description:</b> MOSFET N-CH 40V 120A D2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 54469	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK6E2R3-40C,127</a> <b>Description:</b> MOSFET N-CH 40V 120A I2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 5097	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK6E2R0-30C,127</a> <b>Description:</b> MOSFET N-CH 30V 120A I2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 4403	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK661R9-40C,118</a> <b>Description:</b> MOSFET N-CH 40V 120A D2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 52513	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK663R2-40C,118</a> <b>Description:</b> MOSFET N-CH 40V 100A D2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 84378	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK664R4-55C,118</a> <b>Description:</b> MOSFET N-CH 55V 100A D2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 81480	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK6D43-60EX</a> <b>Description:</b> MOSFET N-CH 60V 5A 6DFN2020MD	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 209670	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK663R7-75C,118</a> <b>Description:</b> MOSFET N-CH 75V 120A D2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 87959	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK662R7-55C,118</a> <b>Description:</b> MOSFET N-CH 55V 120A D2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 78824	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK6C3R3-75C,118</a> <b>Description:</b> MOSFET N-CH 75V 181A D2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 50677	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK6D43-40PX</a> <b>Description:</b> MOSFET P-CH 40V 6A 6DFN2020MD	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 228125	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">BUK663R5-30C,118</a> <b>Description:</b> MOSFET N-CH 30V 100A D2PAK	<b>Manufacturers:</b> <a href="#">Nexperia</a> <b>In Stock:</b> 104238	<a href="#">RFQ</a>
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