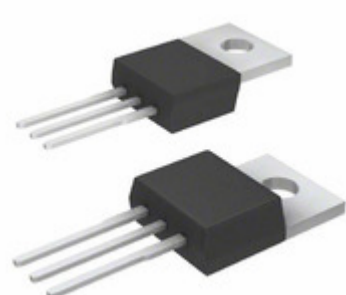


## IPP023N10N5AKSA1



**Part Number:** [IPP023N10N5AKSA1](#)

**Manufacturer:** [International Rectifier \(Infineon Technologies\)](#)

**Description:** MOSFET N-CH 100V 120A TO220-3

**Data sheet:** [PDF IPP023N10N5](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">IPP023N10N5AKSA1</a>
<b>Manufacturer</b>	<a href="#">International Rectifier (Infineon Technologies)</a>
<b>Description</b>	MOSFET N-CH 100V 120A TO220-3
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	25797 pcs
<b>Product Photo</b>	<a href="#">IPP023N10N5AKSA1.jpg</a>
<b>Category</b>	<a href="#">Discrete Semiconductor Products</a>
<b>Vgs(th) (Max) @ Id</b>	3.8V @ 270μA
<b>Vgs (Max)</b>	±20V
<b>Technology</b>	MOSFET (Metal Oxide)
<b>Supplier Device Package</b>	PG-TO-220-3
<b>Series</b>	OptiMOS™
<b>Rds On (Max) @ Id, Vgs</b>	2.3 mOhm @ 100A, 10V
<b>Power Dissipation (Max)</b>	375W (Tc)
<b>Packaging</b>	Tube
<b>Package / Case</b>	TO-220-3
<b>Other Names</b>	SP001120504
<b>Operating Temperature</b>	-55°C ~ 175°C (TJ)
<b>Mounting Type</b>	Through Hole
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Input Capacitance (Ciss) (Max) @ Vds</b>	15600pF @ 50V
<b>Gate Charge (Qg) (Max) @ Vgs</b>	210nC @ 10V
<b>FET Type</b>	N-Channel
<b>FET Feature</b>	-
<b>Drive Voltage (Max Rds On, Min Rds On)</b>	6V, 10V
<b>Drain to Source Voltage (Vdss)</b>	100V
<b>Detailed Description</b>	N-Channel 100V 120A (Tc) 375W (Tc) Through Hole PG-TO-220-3
<b>Current - Continuous Drain (Id) @ 25°C</b>	120A (Tc)

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RFQ Email: [info@Components-Store.com](mailto:info@Components-Store.com)

### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">IPP020N08N5AKSA1</a> <b>Description:</b> MOSFET N-CH TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 26702	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP020N06NAKSA1</a> <b>Description:</b> MOSFET N-CH 60V 29A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 39412	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP027N08N5AKSA1</a> <b>Description:</b> MOSFET N-CH TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 32329	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP030N10N3GXKSA1</a> <b>Description:</b> MOSFET N-CH 100V 100A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 22752	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP023NE7N3G</a> <b>Description:</b> MOSFET N-CH 75V 120A TO220	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 4928	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP030N10N5AKSA1</a> <b>Description:</b> MOSFET N-CH TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 33899	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP023NE7N3 G</a> <b>Description:</b> MOSFET N-CH 75V 120A TO220	<b>Manufacturers:</b> <a href="#">Infineon Technologies</a> <b>In Stock:</b> 5087	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP028N08N3GXKSA1</a> <b>Description:</b> MOSFET N-CH 80V 100A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 31751	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP034N03LGHKSA1</a> <b>Description:</b> MOSFET N-CH 30V 80A TO-220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 4323	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP024N06N3GHKSA1</a> <b>Description:</b> MOSFET N-CH 60V 120A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 3984	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP032N06N3GHKSA1</a> <b>Description:</b> MOSFET N-CH 60V 120A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 5686	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP024N06N3GXKSA1</a> <b>Description:</b> MOSFET N-CH 60V 120A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 33367	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP023N04NGXKSA1</a> <b>Description:</b> MOSFET N-CH 40V 90A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 87672	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP023N08N5AKSA1</a> <b>Description:</b> MOSFET N-CH TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 33863	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP032N06N3GXKSA1</a> <b>Description:</b> MOSFET N-CH 60V 120A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 90161	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP030N10N3GHKSA1</a> <b>Description:</b> MOSFET N-CH 100V 100A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 5911	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP034N03LGXKSA1</a> <b>Description:</b> MOSFET N-CH 30V 80A TO-220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 59007	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP029N06NAKSA1</a> <b>Description:</b> MOSFET N-CH 60V 24A TO220	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 73134	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP015N04NGXKSA1</a> <b>Description:</b> MOSFET N-CH 40V 120A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 37639	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP023NE7N3GXKSA1</a> <b>Description:</b> MOSFET N-CH 75V 120A TO220	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 30097	<a href="#">RFQ</a>

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