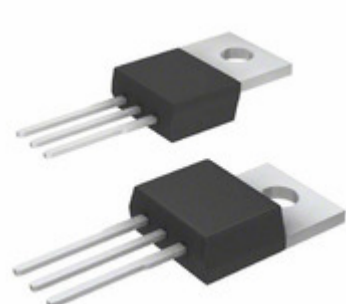


## IPP80N08S2L07AKSA1



**Part Number:** [IPP80N08S2L07AKSA1](#)  
**Manufacturer:** [International Rectifier \(Infineon Technologies\)](#)  
**Description:** MOSFET N-CH 75V 80A TO220-3  
**Data sheet:** [IPB,IPP80N08S2L-07](#)

**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="#">IPP80N08S2L07AKSA1</a>
<b>Manufacturer</b>	<a href="#">International Rectifier (Infineon Technologies)</a>
<b>Description</b>	MOSFET N-CH 75V 80A TO220-3
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	75934 pcs
<b>Product Photo</b>	<a href="#">IPP80N08S2L07AKSA1.jpg</a>
<b>Category</b>	<a href="#">Discrete Semiconductor Products</a>
<b>Vgs(th) (Max) @ Id</b>	2V @ 250µA
<b>Vgs (Max)</b>	±20V
<b>Technology</b>	MOSFET (Metal Oxide)
<b>Supplier Device Package</b>	PG-TO220-3-1
<b>Series</b>	OptiMOS™
<b>Rds On (Max) @ Id, Vgs</b>	7.1 mOhm @ 80A, 10V
<b>Power Dissipation (Max)</b>	300W (Tc)
<b>Packaging</b>	Tube
<b>Package / Case</b>	TO-220-3
<b>Other Names</b>	IPP80N08S2L-07 IPP80N08S2L-07-ND IPP80N08S2L07 SP000219050
<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>	5400pF @ 25V
<b>Gate Charge (Qg) (Max) @ Vgs</b>	233nC @ 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 80A (Tc) 300W (Tc) Through Hole PG-TO220-3-1
<b>Current - Continuous Drain (Id) @ 25°C</b>	80A (Tc)

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	<b>Part#:</b> <a href="#">IPP80P03P405AKSA1</a> <b>Description:</b> MOSFET P-CH TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 4825	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80N06S405AKSA1</a> <b>Description:</b> MOSFET N-CH 60V 80A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 4659	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80R1K2P7XKSA1</a> <b>Description:</b> MOSFET N-CH 800V 4.5A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 77244	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80N06S3L-08</a> <b>Description:</b> MOSFET N-CH 55V 80A TO-220	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 5590	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80N06S407AKSA1</a> <b>Description:</b> MOSFET N-CH 60V 80A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 121536	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80N06S4L07AKSA1</a> <b>Description:</b> MOSFET N-CH 60V 80A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 128648	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80N06S4L05AKSA1</a> <b>Description:</b> MOSFET N-CH 60V 80A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 4206	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80P04P405AKSA1</a> <b>Description:</b> MOSFET P-CH TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 4462	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80N06S407AKSA2</a> <b>Description:</b> MOSFET N-CH 60V 80A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 83873	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80P04P407AKSA1</a> <b>Description:</b> MOSFET P-CH TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 6010	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80N06S4L07AKSA2</a> <b>Description:</b> MOSFET N-CH 60V 80A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 89650	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80N06S4L05AKSA2</a> <b>Description:</b> MOSFET N-CH TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 5777	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80N08S207AKSA1</a> <b>Description:</b> MOSFET N-CH 75V 80A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 56903	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80P04P4L04AKSA1</a> <b>Description:</b> MOSFET P-CH TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 6049	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80P04P4L06AKSA1</a> <b>Description:</b> MOSFET P-CH TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 5909	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80P03P4L04AKSA1</a> <b>Description:</b> MOSFET P-CH 30V 80A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 89867	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80N06S405AKSA2</a> <b>Description:</b> MOSFET N-CHANNEL_55/60V	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 4142	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80P03P4L07AKSA1</a> <b>Description:</b> MOSFET P-CH 30V 80A TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 5022	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80P04P4L08AKSA1</a> <b>Description:</b> MOSFET P-CH TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 4710	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IPP80N08S406AKSA1</a> <b>Description:</b> MOSFET N-CH TO220-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 63015	<a href="#">RFQ</a>

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