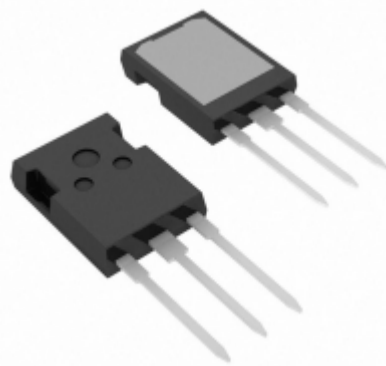


**IXTX90N25L2**



**Part Number:** [IXTX90N25L2](#)  
**Manufacturer:** [IXYS Corporation](#)  
**Description:** MOSFET N-CH 250V 90A PLUS247  
**Data sheet:** [IXT\(K,X\)90N25L2](#)

**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="#">IXTX90N25L2</a>
<b>Manufacturer</b>	<a href="#">IXYS Corporation</a>
<b>Description</b>	MOSFET N-CH 250V 90A PLUS247
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	4626 pcs
<b>Product Photo</b>	<a href="#">IXTX90N25L2.jpg</a>
<b>Category</b>	<a href="#">Discrete Semiconductor Products</a>
<b>Vgs(th) (Max) @ Id</b>	4.5V @ 3mA
<b>Vgs (Max)</b>	±20V
<b>Technology</b>	MOSFET (Metal Oxide)
<b>Supplier Device Package</b>	PLUS247™-3
<b>Series</b>	Linear L2™
<b>Rds On (Max) @ Id, Vgs</b>	33 mOhm @ 45A, 10V
<b>Power Dissipation (Max)</b>	960W (Tc)
<b>Packaging</b>	Tube
<b>Package / Case</b>	TO-247-3
<b>Operating Temperature</b>	-55°C ~ 150°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>	23000pF @ 25V
<b>Gate Charge (Qg) (Max) @ Vgs</b>	640nC @ 10V
<b>FET Type</b>	N-Channel
<b>FET Feature</b>	-
<b>Drive Voltage (Max Rds On, Min Rds On)</b>	10V
<b>Drain to Source Voltage (Vdss)</b>	250V
<b>Detailed Description</b>	N-Channel 250V 90A (Tc) 960W (Tc) Through Hole PLUS247™-3
<b>Current - Continuous Drain (Id) @ 25°C</b>	90A (Tc)

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	Part#: <a href="#">IXTY01N80</a> Description: MOSFET N-CH 800V 0.1A TO-252AA	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 65744	<a href="#">RFQ</a>
	Part#: <a href="#">IXTX32P60P</a> Description: MOSFET P-CH 600V 32A PLUS247	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 6149	<a href="#">RFQ</a>
	Part#: <a href="#">IXTX8N150L</a> Description: MOSFET N-CH 1500V 8A PLUS247	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 3536	<a href="#">RFQ</a>
	Part#: <a href="#">IXTY02N50D</a> Description: MOSFET N-CH 500V 0.2A DPAK	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 24843	<a href="#">RFQ</a>
	Part#: <a href="#">IXTY01N100</a> Description: MOSFET N-CH 1000V 0.1A DPAK	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 99456	<a href="#">RFQ</a>
	Part#: <a href="#">IXTY01N100D</a> Description: MOSFET N-CH 1000V 0.1A TO-252AA	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 77574	<a href="#">RFQ</a>
	Part#: <a href="#">IXTX6N200P3HV</a> Description: 2000V TO 3000V POLAR3 POWER MOSF	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 1685	<a href="#">RFQ</a>
	Part#: <a href="#">IXTX90P20P</a> Description: MOSFET P-CH 200V 90A PLUS247	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 7598	<a href="#">RFQ</a>
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