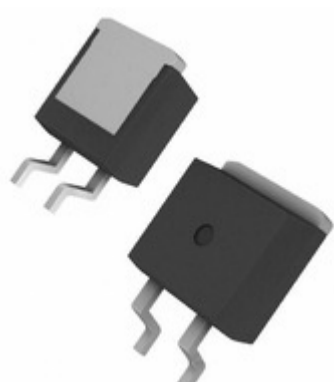


**IXFA36N20X3**



**Part Number:** [IXFA36N20X3](#)  
**Manufacturer:** [IXYS Corporation](#)  
**Description:** 200V/36A ULTRA JUNCTION X3-CLASS  
**Data sheet:**

**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="#">IXFA36N20X3</a>
<b>Manufacturer</b>	<a href="#">IXYS Corporation</a>
<b>Description</b>	200V/36A ULTRA JUNCTION X3-CLASS
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	43870 pcs
<b>Product Photo</b>	<a href="#">IXFA36N20X3.jpg</a>
<b>Category</b>	<a href="#">Discrete Semiconductor Products</a>
<b>Vgs(th) (Max) @ Id</b>	4.5V @ 500µA
<b>Vgs (Max)</b>	±20V
<b>Technology</b>	MOSFET (Metal Oxide)
<b>Supplier Device Package</b>	TO-263AA
<b>Series</b>	HiPerFET™
<b>Rds On (Max) @ Id, Vgs</b>	45 mOhm @ 18A, 10V
<b>Power Dissipation (Max)</b>	176W (Tc)
<b>Package / Case</b>	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB
<b>Operating Temperature</b>	-55°C ~ 150°C (TJ)
<b>Mounting Type</b>	Surface Mount
<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>	1425pF @ 25V
<b>Gate Charge (Qg) (Max) @ Vgs</b>	21nC @ 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>	200V
<b>Detailed Description</b>	N-Channel 200V 36A (Tc) 176W (Tc) Surface Mount TO-263AA
<b>Current - Continuous Drain (Id) @ 25°C</b>	36A (Tc)

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	<b>Part#:</b> <a href="#">IXFA4N60P3</a> <b>Description:</b> MOSFET N-CH 600V 4A TO-263AA	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 59165	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA4N100P</a> <b>Description:</b> MOSFET N-CH 1000V 4A D2PAK	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 32432	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA26N50P3</a> <b>Description:</b> MOSFET N-CH 500V 26A TO-263AA	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 20428	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA22N65X2</a> <b>Description:</b> MOSFET N-CH 650V 22A TO-263	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 42199	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA24N60X</a> <b>Description:</b> MOSFET N-CH 600V 24A TO-263	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 21962	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA30N60X</a> <b>Description:</b> MOSFET N-CH 600V 30A TO-263	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 18861	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA36N30P3</a> <b>Description:</b> MOSFET N-CH 300V 36A TO-263AA	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 48594	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA3N120TRL</a> <b>Description:</b> MOSFET N-CH 1200V 3A TO-263	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 19894	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA22N60P3</a> <b>Description:</b> MOSFET N-CH	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 26433	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA230N075T2</a> <b>Description:</b> MOSFET N-CH 75V 230A TO-263AA	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 18646	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA34N65X2</a> <b>Description:</b> MOSFET N-CH 650V 34A TO-263	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 28001	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA4N100Q</a> <b>Description:</b> MOSFET N-CH 1000V 4A TO-263	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 26217	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA270N06T3</a> <b>Description:</b> 60V/270A TRENCHT3 HIPERFET MOSFE	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 41640	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA230N075T2-7</a> <b>Description:</b> MOSFET N-CH 75V 230A TO-263-7	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 17122	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA4N85X</a> <b>Description:</b> MOSFET N-CH 850V 3.5A TO263	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 52625	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA3N80</a> <b>Description:</b> MOSFET N-CH 800V 3.6A TO-263	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 13015	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA3N120</a> <b>Description:</b> MOSFET N-CH 1200V 3A TO-263	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 24850	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA30N25X3</a> <b>Description:</b> MOSFET N-CHANNEL 250V 30A TO263	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 18228	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA4N100Q-TRL</a> <b>Description:</b> MOSFET N-CH 1000V 4A TO-263	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 18835	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXFA38N30X3</a> <b>Description:</b> FET N-CHANNEL	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 42560	<a href="#">RFQ</a>

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