

**IXFH30N50P**



**Part Number:** [IXFH30N50P](#)  
**Manufacturer:** [IXYS Corporation](#)  
**Description:** MOSFET N-CH 500V 30A TO-247AD  
**Data sheet:** [IXF\(H,T,V\)30N50P/PS](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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**PRODUCT PARAMETER**

Part Number	<a href="#">IXFH30N50P</a>
Manufacturer	<a href="#">IXYS Corporation</a>
Description	MOSFET N-CH 500V 30A TO-247AD
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22898 pcs
Product Photo	<a href="#">IXFH30N50P.jpg</a>
Category	<a href="#">Discrete Semiconductor Products</a>
Vgs(th) (Max) @ Id	5V @ 4mA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247AD (IXFH)
Series	HiPerFET™, PolarHT™
Rds On (Max) @ Id, Vgs	200 mOhm @ 15A, 10V
Power Dissipation (Max)	460W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	4150pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	70nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	500V
Detailed Description	N-Channel 500V 30A (Tc) 460W (Tc) Through Hole TO-247AD (IXFH)
Current - Continuous Drain (Id) @ 25°C	30A (Tc)

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	Part#: <a href="#">IXFH270N06T3</a> Description: 60V/270A TRENCHT3 HIPERFET MOSFE	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 29674	<a href="#">RFQ</a>
	Part#: <a href="#">IXFH26N60P</a> Description: MOSFET N-CH 600V 26A TO-247	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 27609	<a href="#">RFQ</a>
	Part#: <a href="#">IXFH28N50Q</a> Description: MOSFET N-CH 500V 28A TO-247	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 4928	<a href="#">RFQ</a>
	Part#: <a href="#">IXFH30N40Q</a> Description: MOSFET N-CH 400V 30A TO-247	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 4303	<a href="#">RFQ</a>
	Part#: <a href="#">IXFH30N60X</a> Description: MOSFET N-CH 600V 30A TO-247AD	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 14078	<a href="#">RFQ</a>
	Part#: <a href="#">IXFH26N50P3</a> Description: MOSFET N-CH 500V 26A TO-247	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 24469	<a href="#">RFQ</a>
	Part#: <a href="#">IXFH30N60P</a> Description: MOSFET N-CH 600V 30A TO-247	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 12870	<a href="#">RFQ</a>
	Part#: <a href="#">IXFH30N50</a> Description: MOSFET N-CH 500V 30A TO-247	Manufacturers: <a href="#">IXYS Corporation</a> In Stock: 4350	<a href="#">RFQ</a>
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