



## IXFK180N25T

<b>Manufacturer Part Number:</b>	IXFK180N25T
<b>Manufacturer/Brand:</b>	IXYS Corporation
<b>Part of Description:</b>	MOSFET N-CH 250V 180A TO-264
<b>Datasheets:</b>	<a href="#">IXFK180N25T.pdf</a>
<b>RoHs Status:</b>	Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS

Image may be representation.  
See specs for product details.

### Specifications

Part Number	IXFK180N25T
Manufacturer	IXYS Corporation
Description	MOSFET N-CH 250V 180A TO-264
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Vgs(th) (Max) @ Id	5V @ 8mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-264AA (IXFK)
Series	GigaMOS™
Rds On (Max) @ Id, Vgs	12.9 mOhm @ 60A, 10V
Power Dissipation (Max)	1390W (Tc)
Packaging	Tube
Package / Case	TO-264-3, TO-264AA
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	28000pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	345nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	250V
Current - Continuous Drain (Id) @ 25°C	180A (Tc)

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<p><b>IXFK180N15P</b> IXYS MOSFET N-CH 150V 180A TO-264</p>	<p><b>IXFK200N10P</b> IXYS MOSFET N-CH 100V 200A TO-264</p>	<p><b>IXFK20N80Q</b> IXYS MOSFET N-CH 800V 20A TO-264AA</p>	<p><b>IXFK210N17T</b> IXYS MOSFET N-CH 170V 210A TO-264</p>

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