

	IXFX55N50F
	Manufacturer Part Number: IXFX55N50F
	Manufacturer/Brand: IXYS RF
	Part of Description: MOSFET N-CH 500V 55A PLUS247
Datasheets:	 IXFX55N50F.pdf
RoHS Status:	 Lead free / RoHS
Stock Condition:	Compliant New original, 160 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	









Specifications

Part Number	IXFX55N50F
Manufacturer	IXYS RF
Description	MOSFET N-CH 500V 55A PLUS247
Category	Discrete Semiconductor Products > Transistors - FETs ,
Part Status	160 pcs Stock
Vgs(th) (Max) @ Id	5.5V @ 8mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PLUS247™-3
Series	HiPerRF™
Rds On (Max) @ Id, Vgs	85 mOhm @ 27.5A, 10V
Power Dissipation (Max)	560W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Other Names	Q1649656
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	14 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	6700pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	195nC @ 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 55A (Tc) 560W (Tc) Through Hole
Current - Continuous Drain (Id) @ 25°C	55A (Tc)

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 IXFX64N50P IXYS MOSFET N-CH 500V 64A PLUS247	 IXFX60N55Q2 IXYS MOSFET N-CH 550V 60A PLUS247	 IXFX60N25Q IXYS Corporation MOSFET N-CH PLUS247	 IXFX64N50Q3 IXYS MOSFET N-CH 500V 64A PLUS247

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