

IXFN44N80 Datasheet



DiGi Electronics Part Number

Manufacturer Product Number

Description

Manufacturer

Detailed Description

IXFN44N80-DG

IXYS

IXFN44N80

MOSFET N-CH 800V 44A SOT-227B

N-Channel 800 V 44A (Tc) 700W (Tc) Chassis Mount SOT-227B

https://www.DiGi-Electronics.com



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RFQ Email: Info@DiGi-Electronics.com

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Purchase and inquiry

| Manufacturer Product Number: | Manufacturer: |
|---|---|
| IXFN44N80 | IXYS |
| Series: | Product Status: |
| HiPerFET™ | Not For New Designs |
| FET Type: | Technology: |
| N-Channel | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss): | Current - Continuous Drain (Id) @ 25°C: |
| 800 V | 44A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On): | Rds On (Max) @ ld, Vgs: |
| 10V | 165mOhm @ 500mA, 10V |
| Vgs(th) (Max) @ ld: | Gate Charge (Qg) (Max) @ Vgs: |
| 4.5V @ 8mA | 380 nC @ 10 V |
| Vgs (Max): | Input Capacitance (Ciss) (Max) @ Vds: |
| ±20V | 10000 pF @ 25 V |
| FET Feature: | Power Dissipation (Max): |
| | 700W (Tc) |
| Operating Temperature: | Mounting Type: |
| -55°C ~ 150°C (TJ) | Chassis Mount |
| Supplier Device Package: | Package / Case: |
| SOT-227B | SOT-227-4, miniBLOC |
| Base Product Number: | |
| IXFN44 | |
| | |

Environmental & Export classification

| RoHS Status: | Moisture Sensitivity Level (MSL): |
|------------------|-----------------------------------|
| ROHS3 Compliant | 1 (Unlimited) |
| REACH Status: | ECCN: |
| REACH Unaffected | EAR99 |
| HTSUS: | |
| 8541.29.0095 | |



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| DCI | DCI | | |
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