

IXTT100N25P Datasheet

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| | Manufacturer |
|----------------|----------------|
| Manufacturer F | Product Number |

DiGi Electronics Part Number

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Description

Detailed Description

IXTT100N25P-DG

IXYS

IXTT100N25P

MOSFET N-CH 250V 100A TO268

N-Channel 250 V 100A (Tc) 600W (Tc) Surface Moun t TO-268AA

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RFQ Email: Info@DiGi-Electronics.com

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Purchase and inquiry

| Manufacturer Product Number: | Manufacturer: |
|---|--|
| IXTT100N25P | IXYS |
| Series: | Product Status: |
| Polar | Active |
| FET Type: | Technology: |
| N-Channel | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss): | Current - Continuous Drain (Id) @ 25°C: |
| 250 V | 100A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On): | Rds On (Max) @ ld, Vgs: |
| 10V | 24mOhm @ 50A, 10V |
| Vgs(th) (Max) @ ld: | Gate Charge (Qg) (Max) @ Vgs: |
| 5V @ 250μΑ | 185 nC @ 10 V |
| Vgs (Max): | Input Capacitance (Ciss) (Max) @ Vds: |
| ±20V | 6300 pF @ 25 V |
| FET Feature: | Power Dissipation (Max): |
| - | 600W (Tc) |
| Operating Temperature: | Mounting Type: |
| -55°C ~ 150°C (TJ) | Surface Mount |
| Supplier Device Package: | Package / Case: |
| TO-268AA | TO-268-3, D ³ Pak (2 Leads + Tab), TO-268AA |
| Base Product Number: | |
| IXTT100 | |

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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