

## **IXFH35N30** Datasheet



DiGi Electronics Part Number

Manufacturer Product Number

Description

Manufacturer

**Detailed Description** 

IXFH35N30-DG

IXYS

IXFH35N30

MOSFET N-CH 300V 35A TO247AD

N-Channel 300 V 35A (Tc) 300W (Tc) Through Hole TO-247AD (IXFH)

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## Purchase and inquiry

| Manufacturer Product Number:            | Manufacturer:                           |
|---|---|
| IXFH35N30                               | IXYS                                    |
| Series:                                 | Product Status:                         |
| HiPerFET™                               | Obsolete                                |
| FET Type:                               | Technology:                             |
| N-Channel                               | MOSFET (Metal Oxide)                    |
| Drain to Source Voltage (Vdss):         | Current - Continuous Drain (Id) @ 25°C: |
| 300 V                                   | 35A (Tc)                                |
| Drive Voltage (Max Rds On, Min Rds On): | Rds On (Max) @ ld, Vgs:                 |
| 10V                                     | 100mOhm @ 500mA, 10V                    |
| Vgs(th) (Max) @ ld:                     | Gate Charge (Qg) (Max) @ Vgs:           |
| 4V @ 4mA                                | 200 nC @ 10 V                           |
| Vgs (Max):                              | Input Capacitance (Ciss) (Max) @ Vds:   |
| ±20V                                    | 4800 pF @ 25 V                          |
| FET Feature:                            | Power Dissipation (Max):                |
|   | 300W (Tc)                               |
| Operating Temperature:                  | Mounting Type:                          |
| -55°C ~ 150°C (TJ)                      | Through Hole                            |
| Supplier Device Package:                | Package / Case:                         |
| TO-247AD (IXFH)                         | TO-247-3                                |
| Base Product Number:                    |   |
| IXFH35                                  |   |

## **Environmental & Export classification**

| HS Status: Moisture Sensitivity Level |                |
|---------------------------------------|----------------|
| RoHS non-compliant                    | Not Applicable |
| REACH Status:                         | ECCN:          |
| REACH Unaffected                      | EAR99          |
| HTSUS:                                |                |
| 8541.29.0095                          |                |



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