



Image may be representation.  
See specs for product details.

## IXFH7N80

|                                  |   |
|----------------------------------|---|
| <b>Manufacturer Part Number:</b> | IXFH7N80                                    |
| <b>Manufacturer/Brand:</b>       | IXYS Corporation                            |
| <b>Part of Description:</b>      | MOSFET N-CH 800V 7A TO-247AD                |
| <b>Datasheets:</b>               | <a href="#">IXFH7N80.pdf</a>                |
| <b>RoHS Status:</b>              | Lead free / RoHS                            |
| <b>Stock Condition:</b>          | Compliant<br>New original, Stock Available. |
| <b>Ship From:</b>                | Hong Kong                                   |
| <b>Shipment Way:</b>             | DHL/Fedex/TNT/UPS/EMS                       |

### Specifications

|  |  |
|--|--|
| Part Number                            | IXFH7N80   |
| Manufacturer                           | IXYS Corporation   |
| Description                            | MOSFET N-CH 800V 7A TO-247AD   |
| 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                     | 4.5V @ 2.5mA   |
| Vgs (Max)                              | ±20V   |
| Technology                             | MOSFET (Metal Oxide)   |
| Supplier Device Package                | TO-247AD (IXFH)  |
| Series                                 | HiPerFET™  |
| Rds On (Max) @ Id, Vgs                 | 1.4 Ohm @ 3.5A, 10V  |
| Power Dissipation (Max)                | 180W (Tc)  |
| Packaging                              | Tube   |
| Package / Case                         | TO-247-3   |
| Operating Temperature                  | -55°C ~ 150°C (TJ)   |
| Mounting Type                          | Through Hole   |
| Input Capacitance (Ciss) (Max) @ Vds   | 2800pF @ 25V   |
| Gate Charge (Qg) (Max) @ Vgs           | 130nC @ 10V  |
| FET Type                               | N-Channel  |
| FET Feature                            | -  |
| Drive Voltage (Max Rds On, Min Rds On) | 10V  |
| Drain to Source Voltage (Vdss)         | 800V   |
| Current - Continuous Drain (Id) @ 25°C | 7A (Tc)  |

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| <br><b>IXFH80N06</b><br>IXYS<br>MOSFET N-CH 60V 80A TO-247 | <br><b>IXFH76N07-12</b><br>IXYS<br>MOSFET N-CH 70V 76A TO-247AD | <br><b>IXFH76N15T2</b><br>IXYS Corporation<br>MOSFET N-CH   | <br><b>IXFH7N100P</b><br>IXYS Corporation<br>MOSFET N-CH        |

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