



Image may be representation.  
See specs for product details.

## IXTK100N25P

|                                  |  |
|----------------------------------|--|
| <b>Manufacturer Part Number:</b> | IXTK100N25P                              |
| <b>Manufacturer/Brand:</b>       | IXYS Corporation                         |
| <b>Part of Description:</b>      | MOSFET N-CH 250V 100A TO-264             |
| <b>Datasheets:</b>               | <a href="#">IXTK100N25P.pdf</a>          |
| <b>RoHs Status:</b>              | Lead free / RoHS Compliant               |
| <b>Stock Condition:</b>          | New original, 20095 pcs Stock Available. |
| <b>Ship From:</b>                | Hong Kong                                |
| <b>Shipment Way:</b>             | DHL/Fedex/TNT/UPS/EMS                    |

### Specifications

|  |   |
|--|---|
| Part Number                            | IXTK100N25P   |
| Manufacturer                           | IXYS Corporation                                      |
| Description                            | MOSFET N-CH 250V 100A TO-264                          |
| Category                               | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status                            | 20095 pcs Stock                                       |
| Series                                 | PolarHT™  |
| Technology                             | MOSFET (Metal Oxide)                                  |
| Operating Temperature                  | -55°C ~ 150°C (TJ)                                    |
| Mounting Type                          | Through Hole  |
| Package / Case                         | TO-264-3, TO-264AA                                    |
| Supplier Device Package                | TO-264 (IXTK)   |
| Power Dissipation (Max)                | 600W (Tc)   |
| FET Type                               | N-Channel   |
| FET Feature                            | -   |
| Drain to Source Voltage (Vdss)         | 250V  |
| Current - Continuous Drain (Id) @ 25°C | 100A (Tc)   |
| Rds On (Max) @ Id, Vgs                 | 27 mOhm @ 500mA, 10V                                  |
| Vgs(th) (Max) @ Id                     | 5V @ 250µA  |
| Gate Charge (Qg) (Max) @ Vgs           | 185nC @ 10V   |
| Input Capacitance (Ciss) (Max) @ Vds   | 6300pF @ 25V  |
| Packaging                              | Tube  |

IXTK100N25P is New Original in Stock, Search IXTK100N25P Datasheets, PDF, Inventory at Y-IC.com Online, Order IXTK100N25P IXYS Corporation with warrantied and confidence.  
RFQ IXTK100N25P : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested In:

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|--|---|--|---|
| <br><b>IXTK112N50P</b><br>IXYS Corporation<br>MOSFET N-CH 500V 12A I2-PAK      | <br><b>IXTK110N30</b><br>IXYS Corporation<br>MOSFET N-CH 300V 110A TO-264 | <br><b>IXTK120N20P</b><br>IXYS Corporation<br>MOSFET N-CH 200V 120A TO-264 | <br><b>IXTKJ6N150</b><br>IXYS Corporation<br>MOSFET N-CH 1500V 3A ISOTO-247 |
| <br><b>IXTK102N65X2</b><br>IXYS Corporation<br>MOSFET N-CH 650V 102A X2 TO-264 | <br><b>IXTK110N60P</b><br>IXYS Corporation<br>MOSFET N-CH 600V 10A I2-PAK | <br><b>IXTKJ36N20</b><br>IXYS Corporation<br>MOSFET N-CH 200V 36A TO-247AD | <br><b>IXTK102N30P</b><br>IXYS Corporation<br>MOSFET N-CH 300V 102A TO-264  |

### Hot Parts

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