



Image may be representation.  
See specs for product details.

## IXTP64N055T

|                                  |  |
|----------------------------------|--|
| <b>Manufacturer Part Number:</b> | IXTP64N055T                              |
| <b>Manufacturer/Brand:</b>       | IXYS Corporation                         |
| <b>Part of Description:</b>      | MOSFET N-CH 55V 64A TO-220               |
| <b>Datasheets:</b>               | <a href="#">IXTP64N055T.pdf</a>          |
| <b>RoHs Status:</b>              | Lead free / RoHS Compliant               |
| <b>Stock Condition:</b>          | New original, 38829 pcs Stock Available. |
| <b>Ship From:</b>                | Hong Kong                                |
| <b>Shipment Way:</b>             | DHL/Fedex/TNT/UPS/EMS                    |

### Specifications

|  |   |
|--|---|
| Part Number                            | IXTP64N055T   |
| Manufacturer                           | IXYS Corporation                                      |
| Description                            | MOSFET N-CH 55V 64A TO-220                            |
| Category                               | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status                            | 38829 pcs Stock                                       |
| Series                                 | TrenchMV™   |
| Technology                             | MOSFET (Metal Oxide)                                  |
| Operating Temperature                  | -55°C ~ 175°C (TJ)                                    |
| Mounting Type                          | Through Hole  |
| Package / Case                         | TO-220-3  |
| Supplier Device Package                | TO-220AB  |
| Power Dissipation (Max)                | 130W (Tc)   |
| FET Type                               | N-Channel   |
| FET Feature                            | -   |
| Drain to Source Voltage (Vdss)         | 55V   |
| Current - Continuous Drain (Id) @ 25°C | 64A (Tc)  |
| Rds On (Max) @ Id, Vgs                 | 13 mOhm @ 500mA, 10V                                  |
| Vgs(th) (Max) @ Id                     | 4V @ 25µA   |
| Gate Charge (Qg) (Max) @ Vgs           | 37nC @ 10V  |
| Input Capacitance (Ciss) (Max) @ Vds   | 1420pF @ 25V  |
| Packaging                              | Tube  |

IXTP64N055T is New Original in Stock, Search IXTP64N055T Datasheets, PDF, Inventory at Y-IC.com Online, Order IXTP64N055T IXYS Corporation with warrantied and confidence.  
RFQ IXTP64N055T : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested In:

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|---|---|---|---|
| <p><b>IXTP6N50D2</b><br/>IXYS Corporation<br/>MOSFET N-CH 500V 6A<br/>TO220AB</p>   | <p><b>IXTP60N10TM</b><br/>IXTP60N10TM I</p>                                 | <p><b>IXTP70N075T2</b><br/>IXYS Corporation<br/>MOSFET N-CH 75V 70A TO-220</p>                      | <p><b>IXTP60N10T</b><br/>IXYS Corporation<br/>MOSFET N-CH 100V 60A TO-220</p> |
| <p><b>IXTP6N100D2</b><br/>IXYS Corporation<br/>MOSFET N-CH 1000V 6A<br/>TO220AB</p> | <p><b>IXTP6N50P</b><br/>IXYS Corporation<br/>MOSFET N-CH 500V 6A TO-220</p> | <p><b>IXTP6N50P TK5A50D</b><br/>Toshiba Semiconductor and Storage<br/>IXTP6N50P TK5A50D TOSHIBA</p> | <p><b>IXTP62N15P</b><br/>IXYS Corporation<br/>MOSFET N-CH 150V 62A TO-220</p> |

### Hot Parts

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