





#### **IXTP08N100P**

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| nufacturer Part Number:       | IXTP08N100P                             |             |  |
|-------------------------------|---|-------------|--|
| nufacturer / Brand            | IXYS Corporation                        |             |  |
| t of Description:             | MOSFET N-CH 1000V 800MA TO-220          |             |  |
| asheets:                      | IXTP08N100P.pdf                         | GET A QUOTE |  |
| nd Free Status / RoHS Status: | 🕲 🛫 Lead free / RoHS Compliant          |             |  |
| ck Condition:                 | New original, 4600 pcs Stock Available. |             |  |
| p From:                       | Hong Kong                               |             |  |
| pment Way:                    | DHL/Fedex/TNT/UPS                       |             |  |
|                               |   |             |  |

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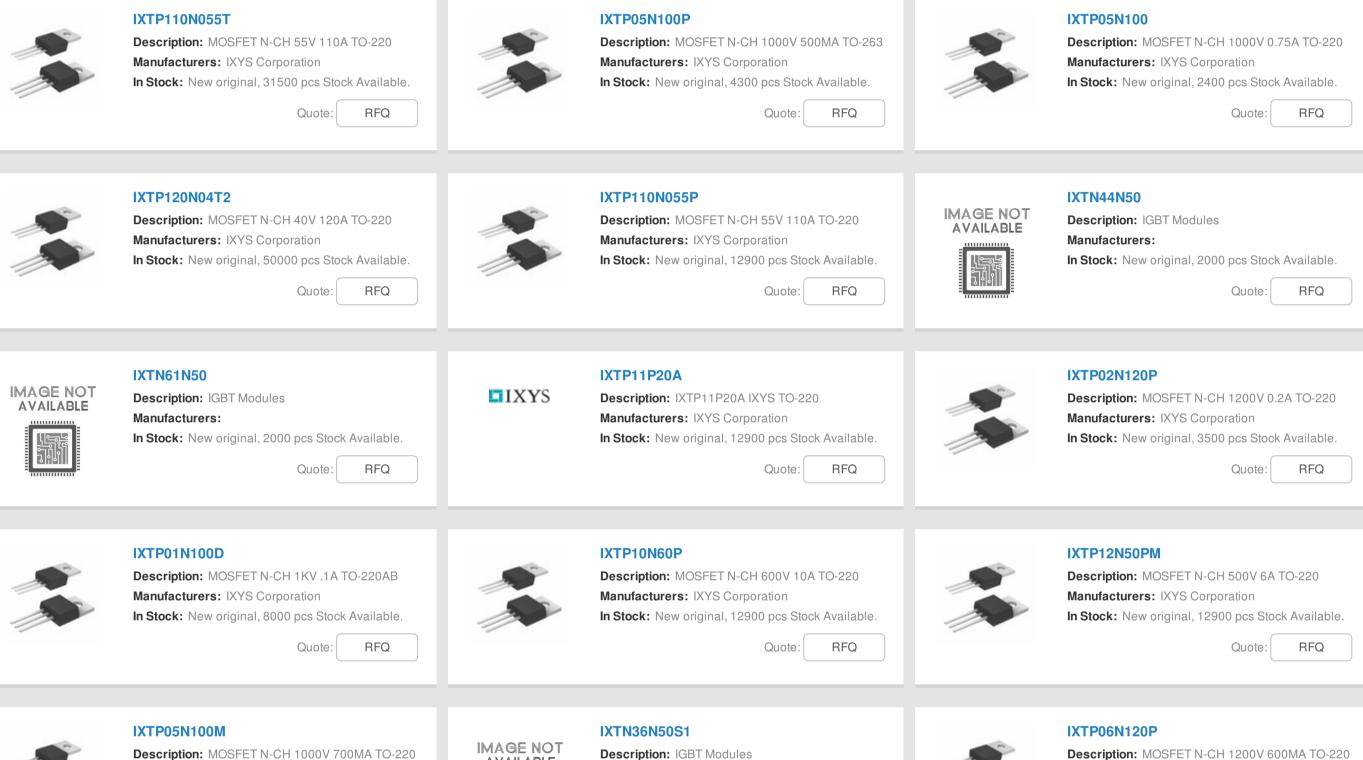
## The specifications of IXTP08N100P

| Part Number                            | IXTP08N100P                    | Manufacturer / Brand                   | IXYS Corporation   |
|--|--------------------------------|--|--|
| Series                                 | Polar™                         | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)  |
| Package / Case                         | TO-220-3                       | Packaging                              | Tube   |
| Mounting Type                          | Through Hole                   | Supplier Device Package                | TO-220AB   |
| Operating Temperature                  | -55°C ~ 150°C (TJ)             | Detailed Description                   | N-Channel 1000V 800mA (Tc) 42W (Tc) Through Hole TO-220AB              |
| Technology                             | MOSFET (Metal Oxide)           | Power Dissipation (Max)                | 42W (Tc)   |
| FET Туре                               | N-Channel                      | FET Feature                            | -  |
| Drain to Source Voltage (Vdss)         | 1000V                          | Current - Continuous Drain (Id) @ 25°C | 800mA (Tc)   |
| Rds On (Max) @ ld, Vgs                 | 20 Ohm @ 500mA, 10V            | Vgs(th) (Max) @ Id                     | 4V @ 50μΑ  |
| Gate Charge (Qg) (Max) @ Vgs           | 11.3nC @ 10V                   | Input Capacitance (Ciss) (Max) @ Vds   | 240pF@25V  |
| Drive Voltage (Max Rds On, Min Rds On) | 10V                            | Vgs (Max)                              | ±20V   |
| Stock Quantity                         | 4600 pcs Stock                 | Category                               | Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single |
| Description                            | MOSFET N-CH 1000V 800MA TO-220 | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant   |

### Keywords realted to IXTP08N100P

| IXYS Corporation IXTP08N100P   | IXTP08N100P part              | IXTP08N100P Price            | IXTP08N100P Distributor   |
|--------------------------------|-------------------------------|------------------------------|---------------------------|
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Manufacturers: In Stock: New original, 2000 pcs Stock Available.

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**IXTP100N04T2** 

**IXTP12N50P** 



Description: MOSFET P-CH 500V 10A TO-220 Manufacturers: IXYS Corporation In Stock: New original, 100 pcs Stock Available.

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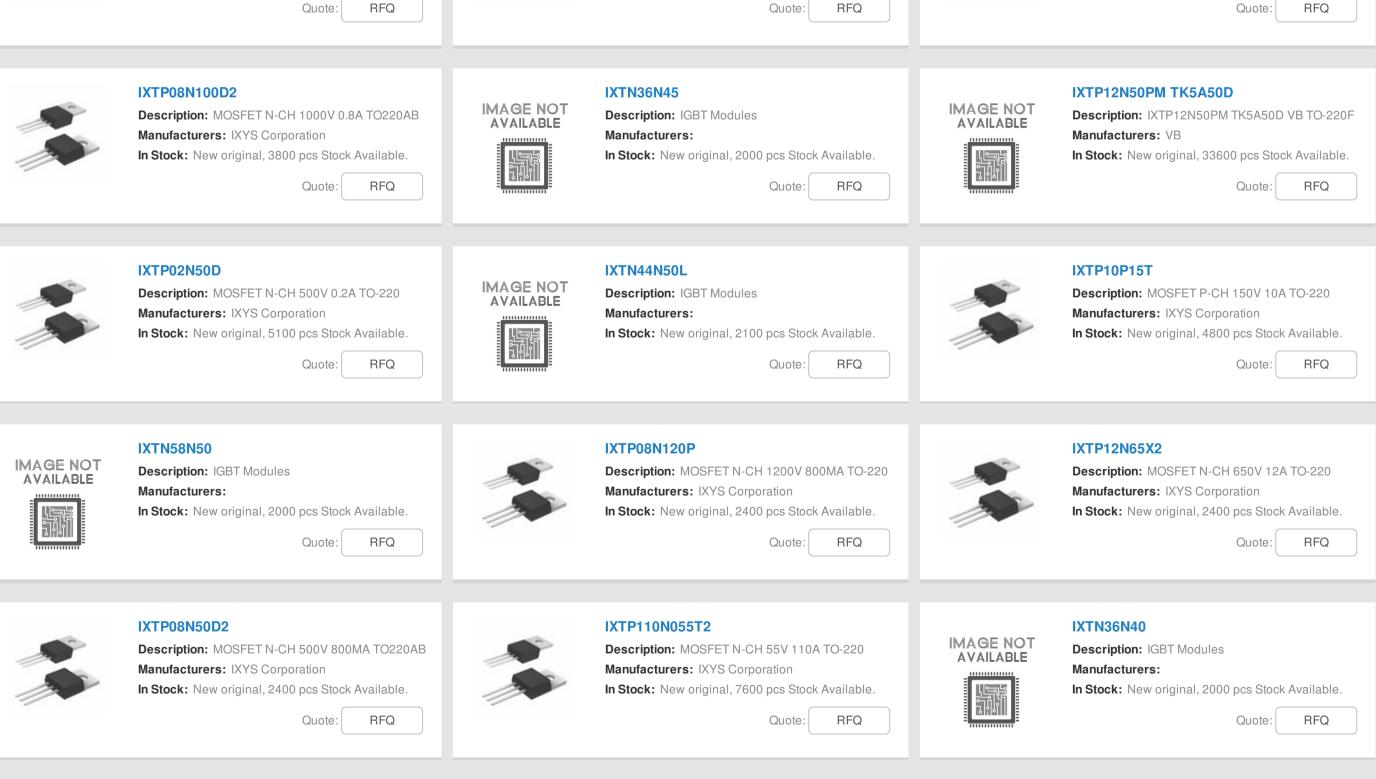


**Description:** MOSFET N-CH 40V 100A TO-220 Manufacturers: IXYS Corporation In Stock: New original, 50000 pcs Stock Available.



Description: MOSFET N-CH 500V 12A TO-220 Manufacturers: IXYS Corporation In Stock: New original, 32400 pcs Stock Available.

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