



## IXTP160N10T

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|----------------------------------|--|
| <b>Manufacturer Part Number:</b> | IXTP160N10T  |
| <b>Manufacturer/Brand:</b>       | IXYS Corporation                                   |
| <b>Part of Description:</b>      | MOSFET N-CH 100V 160A TO-220                       |
| <b>Datasheets:</b>               | <a href="#">IXTP160N10T.pdf</a>                    |
| <b>RoHS Status:</b>              | Lead free / RoHS                                   |
| <b>Stock Condition:</b>          | Compliant<br>New original, 10 pcs Stock Available. |
| <b>Ship From:</b>                | Hong Kong  |
| <b>Shipment Way:</b>             | DHL/Fedex/TNT/UPS/EMS                              |

Image may be representation.  
See specs for product details.

### Specifications

|  |  |
|--|--|
| Part Number                            | IXTP160N10T  |
| Manufacturer                           | IXYS Corporation   |
| Description                            | MOSFET N-CH 100V 160A TO-220   |
| Category                               | <a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> , |
| Part Status                            | 10 pcs Stock   |
| Vgs(th) (Max) @ Id                     | 4.5V @ 250μA   |
| Vgs (Max)                              | ±30V   |
| Technology                             | MOSFET (Metal Oxide)   |
| Supplier Device Package                | TO-220AB   |
| Series                                 | TrenchMV™  |
| Rds On (Max) @ Id, Vgs                 | 7 mOhm @ 25A, 10V  |
| Power Dissipation (Max)                | 430W (Tc)  |
| Packaging                              | Tube   |
| Package / Case                         | TO-220-3   |
| Operating Temperature                  | -55°C ~ 175°C (TJ)   |
| Mounting Type                          | Through Hole   |
| Input Capacitance (Ciss) (Max) @ Vds   | 6600pF @ 25V   |
| Gate Charge (Qg) (Max) @ Vgs           | 132nC @ 10V  |
| FET Type                               | N-Channel  |
| FET Feature                            | -  |
| Drive Voltage (Max Rds On, Min Rds On) | 10V  |
| Drain to Source Voltage (Vdss)         | 100V   |
| Current - Continuous Drain (Id) @ 25°C | 160A (Tc)  |

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| <p><b>IXTP160N04T2</b><br/>IXYS<br/>MOSFET N-CH 40V 160A TO-220</p>                 | <p><b>IXTP160N085T</b><br/>IXYS<br/>MOSFET N-CH 85V 160A TO-220</p> | <p><b>IXTP170N075T2</b><br/>IXYS<br/>MOSFET N-CH 75V 170A TO-220</p> | <p><b>IXTP15N50L2</b><br/>IXYS<br/>MOSFET N-CH 500V 15A TO-220</p>     |

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Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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