



Image may be representation.  
See specs for product details.

## IOTP05N100P

|                                  |   |
|----------------------------------|---|
| <b>Manufacturer Part Number:</b> | IOTP05N100P                             |
| <b>Manufacturer/Brand:</b>       | IXYS Corporation                        |
| <b>Part of Description:</b>      | MOSFET N-CH 1000V 500MA TO-263          |
| <b>Datasheets:</b>               | <a href="#">IOTP05N100P.pdf</a>         |
| <b>RoHS Status:</b>              | Lead free / RoHS Compliant              |
| <b>Stock Condition:</b>          | New original, 4222 pcs Stock Available. |
| <b>Ship From:</b>                | Hong Kong                               |
| <b>Shipment Way:</b>             | DHL/Fedex/TNT/UPS/EMS                   |

### Specifications

|  |  |
|--|--|
| Part Number                            | IOTP05N100P  |
| Manufacturer                           | IXYS Corporation   |
| Description                            | MOSFET N-CH 1000V 500MA TO-263   |
| Category                               | <a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> , |
| Part Status                            | 4222 pcs Stock   |
| Series                                 | Polar™   |
| Technology                             | MOSFET (Metal Oxide)   |
| Operating Temperature                  | -55°C ~ 150°C (TJ)   |
| Mounting Type                          | Through Hole   |
| Package / Case                         | TO-220-3   |
| Supplier Device Package                | TO-220AB   |
| Power Dissipation (Max)                | 50W (Tc)   |
| FET Type                               | N-Channel  |
| FET Feature                            | -  |
| Drain to Source Voltage (Vdss)         | 1000V (1kV)  |
| Current - Continuous Drain (Id) @ 25°C | 500mA (Tc)   |
| Rds On (Max) @ Id, Vgs                 | 30 Ohm @ 250mA, 10V  |
| Vgs(th) (Max) @ Id                     | 4V @ 50µA  |
| Gate Charge (Qg) (Max) @ Vgs           | 8.1nC @ 10V  |
| Input Capacitance (Ciss) (Max) @ Vds   | 196pF @ 25V  |
| Packaging                              | Tube   |

IOTP05N100P is New Original in Stock, Search IOTP05N100P Datasheets, PDF, Inventory at Y-IC.com Online, Order IOTP05N100P IXYS Corporation with warrantied and confidence.  
RFQ IOTP05N100P : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested In:

**IXTP06N120P**  
IXYS Corporation  
MOSFET N-CH 1200V 600MA  
TO-220

**IXTP01N100D**  
IXYS Corporation  
MOSFET N-CH 1KV .1A TO-220AB

**IXTP08N50D2**  
IXYS Corporation  
MOSFET N-CH 500V 800MA  
TO220AB

**IXTP05N100M**  
IXYS Corporation  
MOSFET N-CH 1000V 700MA  
TO-220

**IXTP02N120P**  
IXYS Corporation  
MOSFET N-CH 1200V 0.2A TO-220

**IXTP08N120P**  
IXYS Corporation  
MOSFET N-CH 1200V 800MA  
TO-220

**IXTP02N50D**  
IXYS Corporation  
MOSFET N-CH 500V 0.2A TO-220

**IXTP08N100D2**  
IXYS Corporation  
MOSFET N-CH 1000V 0.8A  
TO220AB

### Hot Parts

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