



Image may be representation.  
See specs for product details.

## IXTK17N120L

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| <b>Manufacturer Part Number:</b> | IXTK17N120L                                 |
| <b>Manufacturer/Brand:</b>       | IXYS Corporation                            |
| <b>Part of Description:</b>      | MOSFET N-CH 1200V 17A TO-264                |
| <b>Datasheets:</b>               | <a href="#">IXTK17N120L.pdf</a>             |
| <b>RoHS Status:</b>              | Lead free / RoHS                            |
| <b>Stock Condition:</b>          | Compliant<br>New original, Stock Available. |
| <b>Ship From:</b>                | Hong Kong                                   |
| <b>Shipment Way:</b>             | DHL/Fedex/TNT/UPS/EMS                       |

### Specifications

|                                        |                                                                          |
|----------------------------------------|--------------------------------------------------------------------------|
| Part Number                            | IXTK17N120L                                                              |
| Manufacturer                           | IXYS Corporation                                                         |
| Description                            | MOSFET N-CH 1200V 17A TO-264                                             |
| Category                               | <a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a> |
| Part Status                            | <a href="#">Require For Quote &amp; Check Stock</a>                      |
| Vgs(th) (Max) @ Id                     | 5V @ 250µA                                                               |
| Technology                             | MOSFET (Metal Oxide)                                                     |
| Supplier Device Package                | TO-264 (IXTK)                                                            |
| Series                                 | -                                                                        |
| Rds On (Max) @ Id, Vgs                 | 900 mOhm @ 8.5A, 20V                                                     |
| Power Dissipation (Max)                | 700W (Tc)                                                                |
| Packaging                              | Tube                                                                     |
| Package / Case                         | TO-264-3, TO-264AA                                                       |
| Operating Temperature                  | -55°C ~ 150°C (TJ)                                                       |
| Mounting Type                          | Through Hole                                                             |
| Input Capacitance (Ciss) (Max) @ Vds   | 8300pF @ 25V                                                             |
| Gate Charge (Qg) (Max) @ Vgs           | 155nC @ 15V                                                              |
| FET Type                               | N-Channel                                                                |
| FET Feature                            | -                                                                        |
| Drain to Source Voltage (Vdss)         | 1200V (1.2kV)                                                            |
| Current - Continuous Drain (Id) @ 25°C | 17A (Tc)                                                                 |

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