

IXDN409SI



Part Number: [IXDN409SI](#)

Manufacturer: [IXYS Corporation](#)

Description: IC MOSFET DRVR 9A LOSIDE 8-SOIC

Data sheet:  [IXD\(D,I,N\)409xI](#)

RoHs Status: Lead free / RoHS Compliant

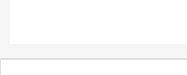
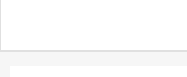
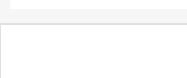
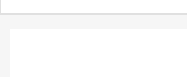
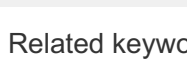
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                              |                                      |                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------|----------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                            | IXDN409SI                                    | Manufacturer                         | <a href="#">IXYS Corporation</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MOSFET DRVR 9A LOSIDE 8-SOIC              | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4796 pcs                                     | Data sheet                           | <a href="#">IXD(D,I,N)409xI</a>  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>    | Voltage - Supply                     | 4.5 V ~ 35 V                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-SOIC                                       | Series                               | -                                |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10ns, 10ns                                   | Packaging                            | Tube                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8-SOIC (0.154", 3.90mm Width)                | Operating Temperature                | -55°C ~ 150°C (TJ)               |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                            | Mounting Type                        | Surface Mount                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)                                | Logic Voltage - VIL, VIH             | 0.8V, 3.5V                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                   | Input Type                           | Non-Inverting                    |
| Gate Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | IGBT, N-Channel, P-Channel MOSFET            | Driven Configuration                 | Low-Side                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | Low-Side Gate Driver IC Non-Inverting 8-SOIC | Current - Peak Output (Source, Sink) | 9A, 9A                           |
| Channel Type                                                                                                                                                                                                                                                                                                                                                                                                                                           | Single                                       | Base Part Number                     | IXD*409                          |
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|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">IXDN402PI</a><br>Description: IC MOSFET DRVR DUAL 2A 8-DIP        | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">IXDN409YI</a><br>Description: IC MOSFET DRVR 9A LOSIDE TO263-5    | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
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|  | Part#: <a href="#">IXDN409SIA</a><br>Description: IC MOSFET DRVR 9A LOSIDE 8-SOIC    | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
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