

IXDF504D1T/R



**Part Number:** [IXDF504D1T/R](#)

**Manufacturer:** [IXYS Corporation](#)

**Description:** IC GATE DRIVER 4A 6-DFN

**Data sheet:**  [IXD\(F,I,N\)504](#)

**RoHs Status:** Lead free / RoHS Compliant

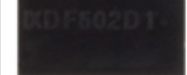
**Ship From:** Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                      |                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------|----------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | IXDF504D1T/R                                                 | Manufacturer                         | <a href="#">IXYS Corporation</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC GATE DRIVER 4A 6-DFN                                      | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4241 pcs                                                     | Data sheet                           | <a href="#">IXD(F,I,N)504</a>    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                    | Voltage - Supply                     | 4.5 V ~ 30 V                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                   | 6-DFN (4x5)                                                  | Series                               | -                                |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9ns, 8ns                                                     | Packaging                            | Tape & Reel (TR)                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6-VDFN Exposed Pad                                           | Operating Temperature                | -55°C ~ 150°C (TJ)               |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2                                                            | Mounting Type                        | Surface Mount                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                | Logic Voltage - VIL, VIH             | 0.8V, 3V                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                   | Input Type                           | Inverting, Non-Inverting         |
| Gate Type                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IGBT, N-Channel, P-Channel MOSFET                            | Driven Configuration                 | Low-Side                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | Low-Side Gate Driver IC Inverting, Non-Inverting 6-DFN (4x5) | Current - Peak Output (Source, Sink) | 4A, 4A                           |
| Channel Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Independent                                                  | Base Part Number                     | IXD*504                          |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all IXYS Corporation series electronic components. We have 4241 pieces of IXYS Corporation IXDF504D1T/R in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                              |                                      |                                  |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                                  |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">IXDF504D1</a><br>Description: IC GATE DRIVER 4A 6-DFN             | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF504SIAT/R</a><br>Description: IC GATE DRIVER 4A 8-SOIC        | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF404SI</a><br>Description: IC MOSFET DRVR LS 4A DUAL 8-SOIC    | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF602D2TR</a><br>Description: 2A MOSFET 8 DFN DUAL INV/NON-INV  | Manufacturers: <a href="#">IXYS Integrated Circuits Division</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF404SI-16</a><br>Description: IC MOSFET DRVR LS 4A DUAL 16SOIC | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF604PI</a><br>Description: IC GATE DVR 4A DUAL HS 8DIP         | Manufacturers: <a href="#">IXYS Integrated Circuits Division</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF404PI</a><br>Description: IC MOSFET DRIVER LS 4A DUAL 8DIP    | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF602SITR</a><br>Description: 2A 8SOIC EXP MTL DUAL IN/NON-INV  | Manufacturers: <a href="#">IXYS Integrated Circuits Division</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF502PI</a><br>Description: IC MOSF DRIVER FAST DUAL 8-DIP      | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF502D1</a><br>Description: IC GATE DRIVER 2A 6-DFN             | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF502SIAT/R</a><br>Description: IC MOSF DRIVER FAST DUAL 8-SOIC | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF602SIA</a><br>Description: MOSFET N-CH 2A DUAL LO SIDE 8-SO   | Manufacturers: <a href="#">IXYS Integrated Circuits Division</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF602SIATR</a><br>Description: 2A 8 SOIC DUAL INV/NON-INVERTING | Manufacturers: <a href="#">IXYS Integrated Circuits Division</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF602PI</a><br>Description: 2A MOSFET 8 DIP DUAL INV/NON-INV    | Manufacturers: <a href="#">IXYS Integrated Circuits Division</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF504PI</a><br>Description: IC GATE DRIVER 4A 8-DIP             | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF404SIA</a><br>Description: IC MOSFET DRIVER DUAL 4A 8-SOIC    | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF502D1T/R</a><br>Description: IC MOSF DRIVER FAST DUAL 6-DFN   | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF504SIA</a><br>Description: IC GATE DRIVER 4A 8-SOIC           | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF602SI</a><br>Description: 2A 8SOIC EXP MTL DUAL IN/NON-INV    | Manufacturers: <a href="#">IXYS Integrated Circuits Division</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IXDF502SIA</a><br>Description: IC GATE DRIVER 2A 8-SOIC           | Manufacturers: <a href="#">IXYS Corporation</a>                  | <div>RFQ</div> |

Related keywords for IXDF504D1T/R

|                                 |                          |                       |                    |
|---------------------------------|--------------------------|-----------------------|--------------------|
| IXYS Corporation IXDF504D1T/R   | IXDF504D1T/R distributor | IXDF504D1T/R supplier | IXDF504D1T/R price |
| IXDF504D1T/R download datasheet | IXDF504D1T/R datasheet   | IXDF504D1T/R stock    | buy IXDF504D1T/R   |
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