

IXDF602SITR



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**Part Number:** [IXDF602SITR](#)

**Manufacturer:** [IXYS Integrated Circuits Division](#)

**Description:** 2A 8SOIC EXP MTL DUAL IN/NON-INV

**Data sheet:**  [IXDx602](#)

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

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                 |                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IXDF602SITR                               | Manufacturer                    | <a href="#">IXYS Integrated Circuits Division</a>          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2A 8SOIC EXP MTL DUAL IN/NON-INV          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 60141 pcs                                 | Data sheet                      | <a href="#">IXDx602</a>                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 4.5 V ~ 35 V                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8-SOIC-EP                                 | Series                          | -                                                          |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7.5ns, 6.5ns                              | Packaging                       | Tape & Reel (TR)                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-SOIC (0.154", 3.90mm Width) Exposed Pad | Operating Temperature           | -55°C ~ 150°C (TJ)                                         |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                         | Mounting Type                   | Surface Mount                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 7 Weeks                                                    |
| 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 8-SOIC-EP |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2A, 2A                                    | Channel Type                    | Independent                                                |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                                  |                     |
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|  | Part#: <a href="#">IXDH35N60B</a><br>Description: IGBT 600V 60A 250W TO247AD         | Manufacturers: <a href="#">IXYS Corporation</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IXDH30N120D1</a><br>Description: IGBT 1200V 60A 300W TO247AD      | Manufacturers: <a href="#">IXYS Corporation</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IXDH20N120D1</a><br>Description: IGBT 1200V 38A 200W TO247AD      | Manufacturers: <a href="#">IXYS Corporation</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IXDF504D1</a><br>Description: IC GATE DRIVER 4A 6-DFN             | Manufacturers: <a href="#">IXYS Corporation</a>                  | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">IXDF504D1T/R</a><br>Description: IC GATE DRIVER 4A 6-DFN          | Manufacturers: <a href="#">IXYS Corporation</a>                  | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">IXDF602D2TR</a><br>Description: 2A MOSFET 8 DFN DUAL INV/NON-INV  | Manufacturers: <a href="#">IXYS Integrated Circuits Division</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IXDH20N120</a><br>Description: IGBT 1200V 38A 200W TO247AD        | Manufacturers: <a href="#">IXYS Corporation</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IXDF604SIA</a><br>Description: IC GATE DVR 4A DIFF 8-SOIC         | Manufacturers: <a href="#">IXYS Integrated Circuits Division</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IXDF604SITR</a><br>Description: IC GATE DVR 4A DUAL HS 8SOIC      | Manufacturers: <a href="#">IXYS Integrated Circuits Division</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">IXDF604SIATR</a><br>Description: IC GATE DVR 4A DUAL HS 8SOIC     | Manufacturers: <a href="#">IXYS Integrated Circuits Division</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IXDH30N120</a><br>Description: IGBT 1200V 60A 300W TO247AD        | Manufacturers: <a href="#">IXYS Corporation</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IXDF602SI</a><br>Description: 2A 8SOIC EXP MTL DUAL IN/NON-INV    | Manufacturers: <a href="#">IXYS Integrated Circuits Division</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IXDF604PI</a><br>Description: IC GATE DVR 4A DUAL HS 8DIP         | Manufacturers: <a href="#">IXYS Integrated Circuits Division</a> | <a href="#">RFQ</a> |

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