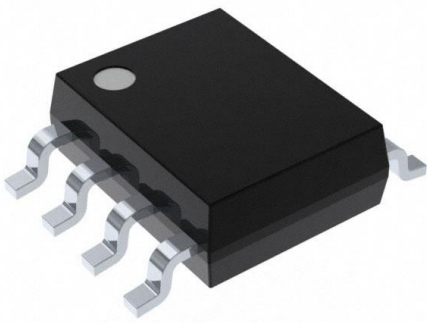


# IXDF602SI Datasheet

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DiGi Electronics Part Number	IXDF602SI-DG
Manufacturer	<a href="#">IXYS Integrated Circuits Division</a>
Manufacturer Product Number	IXDF602SI
Description	IC GATE DRVR LOW-SIDE 8SOIC
Detailed Description	Low-Side Gate Driver IC Inverting, Non-Inverting 8-SOIC-EP

This model IXDF602SI is available at DiGi Electronics.

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We welcome your inquiries regarding pricing, lead time, or other product-related questions.

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## Purchase and inquiry

**Manufacturer Product Number:**

IXDF602SI

**Series:**

-

**DiGi-Electronics Programmable:**

Not Verified

**Channel Type:**

Independent

**Gate Type:**

IGBT, N-Channel, P-Channel MOSFET

**Logic Voltage - VIL, VIH:**

0.8V, 3V

**Input Type:**

Inverting, Non-Inverting

**Operating Temperature:**

-55°C ~ 150°C (TJ)

**Package / Case:**

8-SOIC (0.154", 3.90mm Width) Exposed Pad

**Base Product Number:**

IXDF602

**Manufacturer:**

IXYS Integrated Circuits Division

**Product Status:**

Active

**Driven Configuration:**

Low-Side

**Number of Drivers:**

2

**Voltage - Supply:**

4.5V ~ 35V

**Current - Peak Output (Source, Sink):**

2A, 2A

**Rise / Fall Time (Typ):**

7.5ns, 6.5ns

**Mounting Type:**

Surface Mount

**Supplier Device Package:**

8-SOIC-EP

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8542.39.0001

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99

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