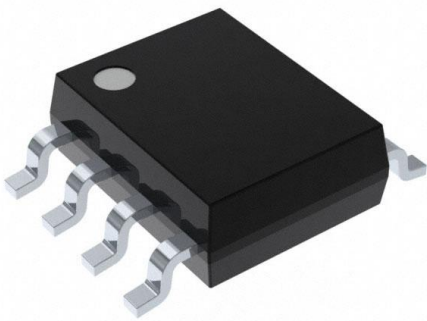


# IXDN609SI Datasheet

[www.digi-electronics.com](http://www.digi-electronics.com)



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DiGi Electronics Part Number	IXDN609SI-DG
Manufacturer	<a href="#">IXYS Integrated Circuits Division</a>
Manufacturer Product Number	IXDN609SI
Description	IC GATE DRVR LOW-SIDE 8SOIC
Detailed Description	Low-Side Gate Driver IC Non-Inverting 8-SOIC-EP

This model IXDN609SI is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

IXDN609SI

Series:

-

DiGi-Electronics Programmable:

Not Verified

Channel Type:

Single

Gate Type:

IGBT, N-Channel, P-Channel MOSFET

Logic Voltage - VIL, VIH:

0.8V, 3V

Input Type:

Non-Inverting

Operating Temperature:

-55°C ~ 150°C (TJ)

Package / Case:

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

Base Product Number:

IXDN609

Manufacturer:

IXYS Integrated Circuits Division

Product Status:

Active

Driven Configuration:

Low-Side

Number of Drivers:

1

Voltage - Supply:

4.5V ~ 35V

Current - Peak Output (Source, Sink):

9A, 9A

Rise / Fall Time (Typ):

22ns, 15ns

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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