



### **IXDN602SI Information**



For Reference Only

Part Number IXDN602SI

Manufacturer IXYS Integrated Circuits Division

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

**Description**MOSFET N-CH 2A DUAL LO SIDE 8-SO**Package**8-SOIC (0.154", 3.90mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **IXDN602SI Specifications**

Manufacturer Part NumberIXDN602SIManufacturerIXYS Integrated Circuits DivisionCategoryIntegrated Circuits (ICs)Package8-SOIC (0.154", 3.90mm Width) Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeIGBT, N-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 35 VLogic Voltage - VIL, VIH0.8V, 3VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)7.5ns, 6.5nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP			
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Driven Configuration  Low-Side  Independent  Number of Drivers  2  Gate Type  IGBT, N-Channel, P-Channel MOSFET  Voltage - Supply  Logic Voltage - VIL, VIH  0.8V, 3V  Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  7.5ns, 6.5ns  Operating Temperature  -55° C ~ 150° C (TJ)  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width) Exposed Pad  Supplier Device Package	Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad	
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Gate Type  IGBT, N-Channel, P-Channel MOSFET  4.5 V ~ 35 V  Logic Voltage - VIL, VIH  0.8V, 3V  Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  7.5ns, 6.5ns  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width) Exposed Pad  Supplier Device Package	Channel Type	Independent	
Voltage - Supply  Logic Voltage - VIL, VIH  0.8V, 3V  Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  7.5ns, 6.5ns  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width) Exposed Pad  Supplier Device Package	Number of Drivers	2	
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	Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	
Report errors?	Supplier Device Package	8-SOIC-EP	
Report cross:			Report errors?

### **IXDN602SI Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## **IXDN602SI Payment Methods**





















## **IXDN602SI Shipping Methods**













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