



IXDN430CI Information

Heisener.com

Part Number IXDN430CI Manufacturer IXYS

Category Integrated Circuits (ICs)

PMIC - Gate Drivers

Description IC DRVR MOSF/IGBT 30A TO220-5

Package TO-220-5

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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IXDN430CI Specifications

Manufacturer Part Number Manufacturer IXYS Category Integrated Circuits (ICs) PMIC - Gate Drivers Package TO-220-5 Series - Driven Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Mounting Type Through Hole Package / Case Supplice Package TO-220-5 Supplice Device Package TO-220-5 Supplice Device Package TO-220-5 Supplice Device Package TO-220-5 Supplice Device Package TO-220-5	•	
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Package TO-220-5 Series - Driven Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Package / Case TO-220-5	Manufacturer	IXYS
Package TO-220-5 Series - Driven Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 8.5 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) 30A, 30A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 18ns, 16ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-220-5	Category	Integrated Circuits (ICs)
Series - Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 8.5 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) 30A, 30A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 18ns, 16ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-220-5		PMIC - Gate Drivers
Driven Configuration Channel Type Single Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-220-5	Package	TO-220-5
Channel Type Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case Single IGBT, N-Channel, P-Channel MOSFET 8.5 V ~ 35 V 0.8V, 3.5V 1.8N, 16N 1.8N, 16	Series	-
Number of Drivers Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 8.5 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 18ns, 16ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-220-5	Driven Configuration	Low-Side
Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 8.5 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Package / Case IGBT, N-Channel, P-Channel MOSFET 8.5 V ~ 35 V 0.8V, 3.5V Non-Inverting - Von-Inverting Through Hole To-220-5	Channel Type	Single
Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 18ns, 16ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-220-5	Number of Drivers	1
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Through Hole Package / Case Oserial Voltage - VIL, VIH Oserial (Source, Sink) 10.8V, 3.5V 10.8V, 3	Gate Type	IGBT, N-Channel, P-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 18ns, 16ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-220-5	Voltage - Supply	8.5 V ~ 35 V
Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case Non-Inverting Non-Inverting Through Hole	Logic Voltage - VIL, VIH	0.8V, 3.5V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 18ns, 16ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-220-5	Current - Peak Output (Source, Sink)	30A, 30A
Rise / Fall Time (Typ) 18ns, 16ns Operating Temperature $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ) Mounting Type Through Hole Package / Case TO-220-5	Input Type	Non-Inverting
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-220-5	High Side Voltage - Max (Bootstrap)	-
Mounting Type Through Hole Package / Case TO-220-5	Rise / Fall Time (Typ)	18ns, 16ns
Package / Case TO-220-5	Operating Temperature	-55°C ~ 150°C (TJ)
-	Mounting Type	Through Hole
Supplier Device Package TO-220-5	Package / Case	TO-220-5
Supplied Bottle Luciange 10 220 5	Supplier Device Package	TO-220-5
Report errors?		Report errors?

IXDN430CI 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.

IXDN430CI Payment Methods









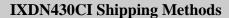
























If you have any question about IXDN430CI, please do not hesitate to contact us!

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