



IXDD430CI Information

Heisener.com

Part Number IXDD430CI

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

E-mail: salesdept@heisener.com



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For Reference Only

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IXDD430CI Specifications

Manufacturer Part NumberIXDD430CIManufacturerIXYSCategoryIntegrated Circuits (ICs)PackageTO-220-5Series-Driven ConfigurationLow-SideChannel TypeSingleNumber of DriversIGate TypeIGBT, N-Channel, P-Channel MOSFETVoltage - Supply8.5 V ~ 35 VLogic Voltage - VIL, VIH0.8V, 3.5VCurrent - Peak Output (Source, Sink)30A, 30AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)18ns, 16nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5Report errors?		
CategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackageTO-220-5Series-Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeIGBT, N-Channel, P-Channel MOSFETVoltage - Supply8.5 V ~ 35 VLogic Voltage - VIL, VIH0.8V, 3.5VCurrent - Peak Output (Source, Sink)30A, 30AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)18ns, 16nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Manufacturer Part Number	IXDD430CI
Package TO-220-5 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 Supplier Device Package TO-220-5	Manufacturer	IXYS
PackageTO-220-5Series-Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeIGBT, N-Channel, P-Channel MOSFETVoltage - Supply8.5 V ~ 35 VLogic Voltage - VIL, VIH0.8V, 3.5VCurrent - Peak Output (Source, Sink)30A, 30AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)18ns, 16nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-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 Supplier Device Package		PMIC - Gate Drivers
Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeIGBT, N-Channel, P-Channel MOSFETVoltage - Supply8.5 V ~ 35 VLogic Voltage - VIL, VIH0.8V, 3.5VCurrent - Peak Output (Source, Sink)30A, 30AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)18ns, 16nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Package	TO-220-5
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Number of Drivers1Gate TypeIGBT, N-Channel, P-Channel MOSFETVoltage - Supply8.5 V ~ 35 VLogic Voltage - VIL, VIH0.8V, 3.5VCurrent - Peak Output (Source, Sink)30A, 30AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)18ns, 16nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Driven Configuration	Low-Side
Gate Type IGBT, N-Channel, P-Channel MOSFET 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 Supplier Device Package	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 Supplier Device Package	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) 18ns, 16ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package	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) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package	Voltage - Supply	8.5 V ~ 35 V
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 Supplier Device Package TO-220-5	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 Supplier Device Package TO-220-5	Current - Peak Output (Source, Sink)	30A, 30A
Rise / Fall Time (Typ) 18ns, 16ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package TO-220-5	Input Type	Non-Inverting
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package TO-220-5	High Side Voltage - Max (Bootstrap)	-
Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package TO-220-5	Rise / Fall Time (Typ)	18ns, 16ns
Package / Case TO-220-5 Supplier Device Package TO-220-5	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package TO-220-5	Mounting Type	Through Hole
	Package / Case	TO-220-5
Report errors?	Supplier Device Package	TO-220-5
		Report errors?

IXDD430CI 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.

IXDD430CI Payment Methods





















IXDD430CI Shipping Methods













If you have any question about IXDD430CI, please do not hesitate to contact us!

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