



IXDD408CI Information

Heisener.com

Part Number IXDD408CI Manufacturer IXYS

> Category Integrated Circuits (ICs)

PMIC - Gate Drivers

Description IC MOSFET DRVR LS 8A SGL 5TO-220

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









IXDD408CI 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) 14ns, 15ns Operating Temperature 1XYS Integrated Circuits (ICs) PMIC - Gate Drivers 10 10 10 10 10 10 11 11 12 13 14 15 15 16 16 17 17 18 18 18 18 19 19 19 19 19 19		
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 4.5 V ~ 25 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) Identity Integrated Circuits (ICs) PMIC - Gate Drivers - 0.80-220-5 - Non-Inverting Identity Integrated Circuits (ICs) PMIC - Gate Drivers - Non-Inverting Identity Identi	Manufacturer Part Number	IXDD408CI
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 4.5 V ~ 25 V Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) 8A, 8A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 14ns, 15ns	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 4.5 V ~ 25 V Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) 8A, 8A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 14ns, 15ns	Category	Integrated Circuits (ICs)
Series Driven Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 25 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) Low-Side Num-Side Now-Side Now-Single Nos-Single Nos-Single Nos-Single Nos-Fill N		PMIC - Gate Drivers
Driven Configuration Channel Type Single Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 25 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) Low-Side Single N-Channel, P-Channel MOSFET 4.5 V ~ 25 V Non-Inverting 14ns, 15ns	Package	TO-220-5
Channel Type Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 25 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) Single 1 Non-Channel MOSFET 4.5 V ~ 25 V Non-Inverting Non-Inverting	Series	-
Number of Drivers Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 25 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) 14ns, 15ns	Driven Configuration	Low-Side
Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 25 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) IGBT, N-Channel, P-Channel MOSFET 4.5 V ~ 25 V Non-Inverting 14.5 V ~ 25 V 15.5 V ~ 25 V 16.5 V ~ 25 V	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) 4.5 V ~ 25 V 0.8V, 3.5V 8A, 8A Non-Inverting - 14ns, 15ns	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) O.8V, 3.5V 8A, 8A Non-Inverting - 14ns, 15ns	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) 14ns, 15ns	Voltage - Supply	4.5 V ~ 25 V
Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 14ns, 15ns	Logic Voltage - VIL, VIH	0.8V, 3.5V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) - 14ns, 15ns	Current - Peak Output (Source, Sink)	8A, 8A
Rise / Fall Time (Typ) 14ns, 15ns	Input Type	Non-Inverting
	High Side Voltage - Max (Bootstrap)	-
Operating Temperature -40°C ~ 150°C (TJ)	Rise / Fall Time (Typ)	14ns, 15ns
T 6 T	Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type Through Hole	Mounting Type	Through Hole
Package / Case TO-220-5	Package / Case	TO-220-5
Supplier Device Package TO-220-5	Supplier Device Package	TO-220-5
Report errors?		Report errors?

IXDD408CI 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.

IXDD408CI Payment Methods



















IXDD408CI Shipping Methods













If you have any question about IXDD408CI, please do not hesitate to contact us!

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