



IXDN614PI Information

THE SERVICE COMP

For Reference Only

Part Number IXDN614PI

Manufacturer IXYS Integrated Circuits Division

Category Integrated Circuits (ICs)

PMIC - Gate Drivers

Description 14A 8 PIN DIP NON INVERTING

Package 8-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com 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.









IXDN614PI Specifications

Manufacturer Part NumberIXDN614PIManufacturerIXYS Integrated Circuits DivisionCategoryIntegrated Circuits (ICs)Package8-DIP (0.300", 7.62mm)Series-Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeIGBT, N-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 35 VLogic Voltage - VIL, VIH0.8V, 3VCurrent - Peak Output (Source, Sink)14A, 14AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)25ns, 18nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP		
CategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-DIP (0.300", 7.62mm)Series-Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeIGBT, N-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 35 VLogic Voltage - VIL, VIH0.8V, 3VCurrent - Peak Output (Source, Sink)14A, 14AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)25ns, 18nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP	Manufacturer Part Number	IXDN614PI
Package 8-DIP (0.300", 7.62mm) 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 ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) 14A, 14A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 25ns, 18ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Manufacturer	IXYS Integrated Circuits Division
Package8-DIP (0.300", 7.62mm)Series-Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeIGBT, N-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 35 VLogic Voltage - VIL, VIH0.8V, 3VCurrent - Peak Output (Source, Sink)14A, 14AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)25ns, 18nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP	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 4.5 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) 14A, 14A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Sins / Fall Time (Typ) 25ns, 18ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package		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 ~ 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) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Package	8-DIP (0.300", 7.62mm)
Channel Type Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 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) 25ns, 18ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Series	-
Number of Drivers Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 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) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Driven Configuration	Low-Side
Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 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) 25ns, 18ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Channel Type	Single
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) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Number of Drivers	1
Logic Voltage - VIL, VIH0.8V, 3VCurrent - Peak Output (Source, Sink)14A, 14AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)25ns, 18nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP	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 8-DIP (0.300", 7.62mm) Supplier Device Package	Voltage - Supply	4.5 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 8-DIP (0.300", 7.62mm) Supplier Device Package	Logic Voltage - VIL, VIH	0.8V, 3V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 25ns, 18ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Current - Peak Output (Source, Sink)	14A, 14A
Rise / Fall Time (Typ) 25ns, 18ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	Input Type	Non-Inverting
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	High Side Voltage - Max (Bootstrap)	-
Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	Rise / Fall Time (Typ)	25ns, 18ns
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package 8-DIP	Mounting Type	Through Hole
	Package / Case	8-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	8-DIP
		Report errors

IXDN614PI 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.

IXDN614PI Payment Methods





















IXDN614PI Shipping Methods













If you have any question about IXDN614PI, please do not hesitate to contact us!

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