



## **IXDN504PI Information**



For Reference Only

Part Number IXDN504PI Manufacturer IXYS

Category Integrated Circuits (ICs)

PMIC - Gate Drivers

**Description** IC GATE DRIVER DUAL 4A 8-DIP

**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



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# **Certified Quality**

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# **IXDN504PI Specifications**

Manufacturer Part Number         IXDN504PI           Manufacturer         IXYS           Category         Integrated Circuits (ICs)           Package         8-DIP (0.300", 7.62mm)           Series         -           Driven Configuration         Low-Side           Channel Type         Independent           Number of Drivers         2           Gate Type         IGBT, N-Channel, P-Channel MOSFET           Voltage - Supply         4.5 V ~ 30 V           Logic Voltage - VIL, VIH         0.8V, 3V           Current - Peak Output (Source, Sink)         4A, 4A           Input Type         Non-Inverting           High Side Voltage - Max (Bootstrap)         -           Rise / Fall Time (Typ)         9ns, 8ns           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-PDIP		
Category  Package  Package  8-DIP (0.300", 7.62mm)  Series  - Driven Configuration  Low-Side  Channel Type  Independent  Number of Drivers  2  Gate Type  IGBT, N-Channel, P-Channel MOSFET  Voltage - Supply  4.5 V ~ 30 V  Logic Voltage - VIL, VIH  0.8V, 3V  Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  Pisse / Fall Time (Typ)  Operating Temperature  Operating Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	Manufacturer Part Number	IXDN504PI
Package 8-DIP (0.300", 7.62mm)  Series - Driven Configuration Low-Side Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 30 V Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) 4A, 4A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 9ns, 8ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Manufacturer	IXYS
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Driven Configuration  Channel Type  Independent  Number of Drivers  2  Gate Type  IGBT, N-Channel, P-Channel MOSFET  Voltage - Supply  4.5 V ~ 30 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)
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Number of Drivers  Gate Type  IGBT, N-Channel, P-Channel MOSFET  Voltage - Supply  4.5 V ~ 30 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  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 ~ 30 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)  9ns, 8ns  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  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)  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	2
Logic Voltage - VIL, VIH0.8V, 3VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)9ns, 8nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Gate Type	IGBT, N-Channel, P-Channel MOSFET
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High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  9ns, 8ns  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package  8-PDIP	Current - Peak Output (Source, Sink)	4A, 4A
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  8-PDIP	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-PDIP	High Side Voltage - Max (Bootstrap)	-
Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Rise / Fall Time (Typ)	9ns, 8ns
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package 8-PDIP	Mounting Type	Through Hole
	Package / Case	8-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	8-PDIP
		Report errors

### **IXDN504PI 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.

## **IXDN504PI Payment Methods**



















## **IXDN504PI Shipping Methods**













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