



IXDE504SIA Information



For Reference Only

Part Number IXDE504SIA

Manufacturer IXYS

Category Integrated Circuits (ICs)

PMIC - Gate Drivers

Description IC GATE DRIVER 4A 8-SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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IXDE504SIA Specifications

Manufacturer Part Number IXDE504SIA Manufacturer IXYS Category Integrated Circuits (ICs) Package 8-SOIC (0.154", 3.90mm Width) 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 Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 9ns, 8ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC		
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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 Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 9ns, 8ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Channel Type	Independent
Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH0.8V, 3VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)9ns, 8nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Gate Type	IGBT, N-Channel, P-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Supply	4.5 V ~ 30 V
Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Logic Voltage - VIL, VIH	0.8V, 3V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 9ns, 8ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Current - Peak Output (Source, Sink)	4A, 4A
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Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	High Side Voltage - Max (Bootstrap)	-
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Rise / Fall Time (Typ)	9ns, 8ns
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors

IXDE504SIA 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.

IXDE504SIA Payment Methods



















IXDE504SIA Shipping Methods













If you have any question about IXDE504SIA, please do not hesitate to contact us!

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