



IXDI630MYI Information

Heisener.com

Part Number IXDI630MYI

Manufacturer IXYS Integrated Circuits Division

Category Integrated Circuits (ICs)

PMIC - Gate Drivers

Description IC GATE DRIVER LOW SIDE 5TO263

Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA

For the pricing/inventory/lead time, please contact

For Reference Only

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



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IXDI630MYI Specifications

Manufacturer Part Number Manufacturer IXYS Integrated Circuits Division Integrated Circuits (ICs) PMIC - Gate Drivers Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA 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 O.8V, 3.5V Current - Peak Output (Source, Sink) Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Report errors?		
Category Integrated Circuits (ICs) PMIC - Gate Drivers Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA 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 Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Manufacturer Part Number	IXDI630MYI
PMIC - Gate Drivers Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series Driven Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 9 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Operating Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Manufacturer	IXYS Integrated Circuits Division
Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Driven Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 9 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Joseph Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	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 9 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) 30A, 30A Input Type Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 11ns, 11ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5		PMIC - Gate Drivers
Driven Configuration Channel Type Single Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 9 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 11ns, 11ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Channel Type Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Operating Temperature Fackage / Case Supplier Device Package Single Single 1 IGBT, N-Channel, P-Channel MOSFET 0.8V, 3.5V 0.8V, 3.5V 1.1N, 3.5V 1.1N, 3.0A 1.1N, 3.0A 1.1N, 1.1N, 3.0A 1.1N, 3	Series	-
Number of Drivers Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 9 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3.5V Current - Peak Output (Source, Sink) Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Driven Configuration	Low-Side
Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 9 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3.5V 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 TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Channel Type	Single
Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 3.5V 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 TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Number of Drivers	1
Logic Voltage - VIL, VIH O.8V, 3.5V 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 TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Gate Type	IGBT, N-Channel, P-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Operating Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Voltage - Supply	9 V ~ 35 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 TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Logic Voltage - VIL, VIH	0.8V, 3.5V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Current - Peak Output (Source, Sink)	30A, 30A
Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Input Type	Inverting
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	High Side Voltage - Max (Bootstrap)	-
Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Rise / Fall Time (Typ)	11ns, 11ns
Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package TO-263-5	Mounting Type	Surface Mount
	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Report errors?	Supplier Device Package	TO-263-5
		Report errors?

IXDI630MYI 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.

IXDI630MYI Payment Methods



















IXDI630MYI Shipping Methods













If you have any question about IXDI630MYI, please do not hesitate to contact us!

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