



IXDI614YI Information

Heisener.com

Part Number IXDI614YI

Manufacturer IXYS Integrated Circuits Division

Category Integrated Circuits (ICs)

PMIC - Gate Drivers

Description 14A 5 LEAD TO-263 INVERTING

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

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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IXDI614YI Specifications

Manufacturer Part NumberIXDI614YIManufacturerIXYS Integrated Circuits DivisionCategoryIntegrated Circuits (ICs)PackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-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 TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)25ns, 18nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5		
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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 4.5 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) 14A, 14A Input Type Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 25ns, 18ns 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	Manufacturer	IXYS Integrated Circuits Division
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Driven Configuration Channel Type Single Number of Drivers 1 Gate Type IGBT, N-Channel, P-Channel MOSFET 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 TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
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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 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	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 Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 25ns, 18ns 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	Channel Type	Single
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) 25ns, 18ns 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 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 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	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 Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Logic Voltage - VIL, VIH	0.8V, 3V
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Rise / Fall Time (Typ) 25ns, 18ns 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)	25ns, 18ns
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?

IXDI614YI 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.

IXDI614YI Payment Methods





















IXDI614YI Shipping Methods













If you have any question about IXDI614YI, please do not hesitate to contact us!

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