



ZXGD3003E6QTA Information



For Reference Only

Part Number ZXGD3003E6QTA

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC GATE DRVR IGBT/MOSFET SOT26

Package SOT-23-6

For the pricing/inventory/lead time, please contact

us

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



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ZXGD3003E6QTA Specifications

Manufacturer Part Number Manufacturer Diodes Incorporated Integrated Circuits (ICs) PMIC - Gate Drivers Package SOT-23-6 Series - Driven Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 40V (Max) Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Mounting Type Surface Mount Package / Case Supplier Device Package SOT-23-6 Supplier Device Package SOT-23-6 Seport errors?		
CategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackageSOT-23-6Series-Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeIGBT, N-Channel MOSFETVoltage - Supply40V (Max)Logic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)5A, 5AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)8.9ns, 8.9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Manufacturer Part Number	ZXGD3003E6QTA
Package SOT-23-6 Series - Driven Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type IGBT, N-Channel MOSFET Voltage - Supply 40V (Max) Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) 5A, 5A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 8.9ns, 8.9ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case SOT-23-6 Supplier Device Package	Manufacturer	Diodes Incorporated
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Series - Configuration Low-Side Low-Side Single Single Single Single IGBT, N-Channel MOSFET Voltage - Supply 40V (Max) Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) 5A, 5A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 8.9ns, 8.9ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case SOT-23-6 Supplier Device Package		PMIC - Gate Drivers
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Number of Drivers1Gate TypeIGBT, N-Channel MOSFETVoltage - Supply40V (Max)Logic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)5A, 5AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)8.9ns, 8.9nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Driven Configuration	Low-Side
Gate Type Voltage - Supply 40V (Max) Logic Voltage - VIL, VIH - 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 Surface Mount Package / Case Supplier Device Package IGBT, N-Channel MOSFET 40V (Max) - - SA, 5A Non-Inverting Non-Inverting Soyn-23-6 Surface Mount Soyn-23-6 Soyn-23-6	Channel Type	Single
Voltage - Supply Logic Voltage - VIL, VIH - 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 Surface Mount Package / Case SOT-23-6 Supplier Device Package	Number of Drivers	1
Logic Voltage - VIL, VIH 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 Surface Mount Package / Case SOT-23-6 Supplier Device Package	Gate Type	IGBT, N-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 Surface Mount Package / Case SOT-23-6 Supplier Device Package	Voltage - Supply	40V (Max)
Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case SOT-23-6 Supplier Device Package	Logic Voltage - VIL, VIH	-
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Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	High Side Voltage - Max (Bootstrap)	-
Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Rise / Fall Time (Typ)	8.9ns, 8.9ns
Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package SOT-23-6	Mounting Type	Surface Mount
	Package / Case	SOT-23-6
Report errors?	Supplier Device Package	SOT-23-6
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ZXGD3003E6QTA 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.

ZXGD3003E6QTA Payment Methods



















ZXGD3003E6QTA Shipping Methods













If you have any question about ZXGD3003E6QTA, please do not hesitate to contact us!

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