



## SIDC50D60C6 Information

Heisener.com

Part Number SIDC50D60C6

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 600V 200A WAFER

Package Die

For the pricing/inventory/lead time, please contact

us

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

E-mail: salesdept@heisener.com



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## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# SIDC50D60C6 Specifications

Manufacturer Part Number  Manufacturer  Infineon Technologies  Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  Package  Die  Series  - Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  Operating Temperature - Junction  Jing No. 2006  Die  Surpose Surpose  Surpose Surpose  Sawn on foil  -40°C ~ 175°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDieSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)200A (DC)Voltage - Forward (Vf) (Max) @ If1.9V @ 200ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr27μA @ 600VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDieSupplier Device PackageSawn on foil	Manufacturer Part Number	SIDC50D60C6
Package Die Series - Control of Type Standard Voltage - DC Reverse (Vr) (Max) 600V Current - Average Rectified (Io) 200A (DC) Voltage - Forward (Vf) (Max) @ If 1.9V @ 200A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 27µA @ 600V Capacitance @ Vr, F - Mounting Type Surface Mount Package / Case Die Supplier Device Package Sawn on foil	Manufacturer	Infineon Technologies
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Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 600V  Current - Average Rectified (Io) 200A (DC)  Voltage - Forward (Vf) (Max) @ If 1.9V @ 200A  Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 27µA @ 600V  Capacitance @ Vr, F - Mounting Type Surface Mount  Package / Case Die  Supplier Device Package Sawn on foil		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)200A (DC)Voltage - Forward (Vf) (Max) @ If1.9V @ 200ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr27μA @ 600VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDieSupplier Device PackageSawn on foil	Package	Die
Voltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)200A (DC)Voltage - Forward (Vf) (Max) @ If1.9V @ 200ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr27μA @ 600VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDieSupplier Device PackageSawn on foil	Series	-
Current - Average Rectified (Io)200A (DC)Voltage - Forward (Vf) (Max) @ If1.9V @ 200ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr27μA @ 600VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDieSupplier Device PackageSawn on foil	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  Sawn on foil	Voltage - DC Reverse (Vr) (Max)	600V
Speed       Standard Recovery >500ns, > 200mA (Io)         Reverse Recovery Time (trr)       -         Current - Reverse Leakage @ Vr       27μA @ 600V         Capacitance @ Vr, F       -         Mounting Type       Surface Mount         Package / Case       Die         Supplier Device Package       Sawn on foil	Current - Average Rectified (Io)	200A (DC)
Reverse Recovery Time (trr)       -         Current - Reverse Leakage @ Vr       27μA @ 600V         Capacitance @ Vr, F       -         Mounting Type       Surface Mount         Package / Case       Die         Supplier Device Package       Sawn on foil	Voltage - Forward (Vf) (Max) @ If	1.9V @ 200A
Current - Reverse Leakage @ Vr 27µA @ 600V  Capacitance @ Vr, F -  Mounting Type Surface Mount  Package / Case Die  Supplier Device Package Sawn on foil	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F -  Mounting Type Surface Mount  Package / Case Die  Supplier Device Package Sawn on foil	Reverse Recovery Time (trr)	-
Mounting Type Surface Mount Package / Case Die Supplier Device Package Sawn on foil	Current - Reverse Leakage @ Vr	27μA @ 600V
Package / Case Die Supplier Device Package Sawn on foil	Capacitance @ Vr, F	-
Supplier Device Package Sawn on foil	Mounting Type	Surface Mount
	Package / Case	Die
Operating Temperature - Junction -40°C ~ 175°C	Supplier Device Package	Sawn on foil
	Operating Temperature - Junction	-40°C ~ 175°C
Report errors?		Report errors?

#### SIDC50D60C6 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.

## SIDC50D60C6 Payment Methods



















## SIDC50D60C6 Shipping Methods













If you have any question about SIDC50D60C6, please do not hesitate to contact us!

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