

SIDC42D170E6 Information


For Reference Only

Part Number [SIDC42D170E6](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
 [Diodes - Rectifiers - Single](#)
Description DIODE GEN PURP 1.7KV 50A WAFER
Package Die
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
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.


SIDC42D170E6 Specifications

Manufacturer Part Number	SIDC42D170E6
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Diodes - Rectifiers - Single
Package	Die
Series	-
Diode Type	Standard
Voltage - DC Reverse (Vr) (Max)	1700V
Current - Average Rectified (Io)	50A (DC)
Voltage - Forward (Vf) (Max) @ If	2.15V @ 50A
Speed	Standard Recovery >500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse Leakage @ Vr	27µA @ 1700V
Capacitance @ Vr, F	-
Mounting Type	Surface Mount
Package / Case	Die
Supplier Device Package	Sawn on foil
Operating Temperature - Junction	-40°C ~ 150°C

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SIDC42D170E6 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.

SIDC42D170E6 Payment Methods



SIDC42D170E6 Shipping Methods



If you have any question about SIDC42D170E6, please do not hesitate to contact us!

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