



STTH2R06 Information



For Reference Only

Part Number STTH2R06

Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP 600V 2A DO41

Package DO-204AL, DO-41, Axial

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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STTH2R06 Specifications

Manufacturer Part Number STTH2R06 Manufacturer STMicroelectronics Category Discrete Semiconductor Products Diodes - Rectifiers - Single Package DO-204AL, DO-41, Axial Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 600V Current - Average Rectified (Io) 2A Voltage - Forward (Vf) (Max) @ If 1.7V @ 2A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 50ns Current - Reverse Leakage @ Vr 2µA @ 600V Capacitance @ Vr, F - Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-41 Operating Temperature - Junction -40°C ~ 175°C	STITE OF SPECIAL COMPANY	
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-204AL, DO-41, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If1.7V @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr2μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-41Operating Temperature - Junction-40°C ~ 175°C	Manufacturer Part Number	STTH2R06
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Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) 2A Voltage - Forward (Vf) (Max) @ If 1.7V @ 2A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 50ns Current - Reverse Leakage @ Vr 2μA @ 600V Capacitance @ Vr, F Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package Operating Temperature - Junction 600V 1.7V @ 2A Fast Recovery =< 500ns, > 200mA (Io) Fast Recovery =< 500ns, > 200mA (Io) 50ns Current - Reverse Leakage @ Vr 2μA @ 600V - 400°C ~ 175°C	Series	-
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Voltage - Forward (Vf) (Max) @ If1.7V @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr2μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-41Operating Temperature - Junction-40°C ~ 175°C	Voltage - DC Reverse (Vr) (Max)	600V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr2μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-41Operating Temperature - Junction-40°C ~ 175°C	Current - Average Rectified (Io)	2A
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Current - Reverse Leakage @ Vr	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-41 Operating Temperature - Junction -40°C ~ 175°C	Reverse Recovery Time (trr)	50ns
Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-41 Operating Temperature - Junction -40°C ~ 175°C	Current - Reverse Leakage @ Vr	2μA @ 600V
Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-41 Operating Temperature - Junction -40°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device Package DO-41 Operating Temperature - Junction $-40^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Mounting Type	Through Hole
Operating Temperature - Junction -40°C ~ 175°C	Package / Case	DO-204AL, DO-41, Axial
	Supplier Device Package	DO-41
Report errors?	Operating Temperature - Junction	-40°C ~ 175°C
		Report errors?

STTH2R06 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.

STTH2R06 Payment Methods



















STTH2R06 Shipping Methods













If you have any question about STTH2R06, please do not hesitate to contact us!

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