



STTH810FP Information



For Reference Only

Part Number STTH810FP

Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP 1KV 8A TO220FP

Package TO-220-2 Full Pack, Isolated Tab

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

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.









STTH810FP Specifications

Manufacturer Part NumberSTTH810FPManufacturerSTMicroelectronicsCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-220-2 Full Pack, Isolated TabSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If2V @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)85nsCurrent - Reverse Leakage @ Vr5μA @ 1000VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full Pack, Isolated TabSupplier Device PackageTO-220FPACOperating Temperature - Junction175°C (Max)		
Category Discrete Semiconductor Products Diodes - Rectifiers - Single TO-220-2 Full Pack, Isolated Tab Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1000V Current - Average Rectified (Io) 8A Voltage - Forward (Vf) (Max) @ If 2V @ 8A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 85ns Current - Reverse Leakage @ Vr 5µA @ 1000V Capacitance @ Vr, F Mounting Type Through Hole Package / Case TO-220-2 Full Pack, Isolated Tab Supplier Device Package Operating Temperature - Junction Discrete Semiconductor Products Diodes - Rectifiers - Single To-220-2 Full Pack, Isolated Tab TO-220FPAC Operating Temperature - Junction	Manufacturer Part Number	STTH810FP
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Supplier Device Package TO-220FPAC Operating Temperature - Junction 175°C (Max)	Mounting Type	Through Hole
Operating Temperature - Junction 175°C (Max)	Package / Case	TO-220-2 Full Pack, Isolated Tab
	Supplier Device Package	TO-220FPAC
D ()	Operating Temperature - Junction	175°C (Max)
Report errors?		Report errors?

STTH810FP 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.

STTH810FP Payment Methods



















STTH810FP Shipping Methods













If you have any question about STTH810FP, please do not hesitate to contact us!

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