

## T835T-8FP

#### **T835T-8FP Information**



For Reference Only

Part Number	T835T-8FP
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Thyristors - TRIACs
Description	TRIAC ALTERNISTOR 800V TO220FPAB
Package	TO-220-3 Full Pack
	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.



## **T835T-8FP Specifications**

Manufacturer Part NumberT835T-8FPManufacturerSTMicroelectronicsCategoryDiscrete Semiconductor ProductsPackageThyristors - TRIACsPackageSnubberless?SrriesSnubberless?Triac TypeAlternistor - SnubberlessVoltage - Off State80VCurrent - On State (It (RMS)) (Max)8AVoltage - Gate Trigger (Vgt) (Max)60A, 63ACurrent - Non Rep. Surge 50, 60Hz (Itsm)60A, 63ACurrent - Hold (Ih) (Max)SingleConfigurationSingleOperating Temperature40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-2203 Full PackSupplier Device PackageTO-2204 Full Pack		
CategoryDiscrete Semiconductor ProductsCategoryThyristors - TRIACsPackageTO-220-3 Full PackSeriesSnubberless?Triac TypeAlternistor - SnubberlessVoltage - Off State800VCurrent - On State (It (RMS)) (Max)8AVoltage - Gate Trigger (Vgt) (Max)60A, 63ACurrent - Non Rep. Surge 50, 60Hz (Itsm)60A, 63ACurrent - Gate Trigger (Igt) (Max)35mACurrent - Hold (Ih) (Max)SingleConfigurationSingleOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FPAB	Manufacturer Part Number	T835T-8FP
Hyristors - TRIACsPackageTO-220-3 Full PackSeriesSnubberless?Triac TypeAlternistor - SnubberlessVoltage - Off State800VCurrent - On State (It (RMS)) (Max)8AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)60A, 63ACurrent - Gate Trigger (Igt) (Max)35mACurrent - Hold (Ih) (Max)SingleConfigurationSingleOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220FABIL Packa	Manufacturer	STMicroelectronics
PackageTO-220-3 Full PackSeriesSnubberless?Triac TypeAlternistor - SnubberlessVoltage - Off State800VCurrent - On State (It (RMS)) (Max)8AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)60A, 63ACurrent - Gate Trigger (Igt) (Max)35mACurrent - Hold (Ih) (Max)40mAConfigurationSingleOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FPAB	Category	Discrete Semiconductor Products
SeriesSnubberless?Triac TypeAlternistor - SnubberlessVoltage - Off State800VCurrent - On State (It (RMS)) (Max)8AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)60A, 63ACurrent - Gate Trigger (Igt) (Max)35mACurrent - Hold (Ih) (Max)40mAConfigurationsingleOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FPAB		Thyristors - TRIACs
Triac TypeAlternistor - SnubberlessVoltage - Off State800VCurrent - On State (It (RMS)) (Max)8AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)60A, 63ACurrent - Gate Trigger (Igt) (Max)35mACurrent - Hold (Ih) (Max)40mAConfigurationSingleOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220F PAB	Package	TO-220-3 Full Pack
NoNoVoltage - Off State800VCurrent - On State (It (RMS)) (Max)8AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)60A, 63ACurrent - Gate Trigger (Igt) (Max)35mACurrent - Hold (Ih) (Max)40mAConfigurationSingleOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackaSupplier Device PackageTO-220FPAB	Series	Snubberless?
Current - On State (It (RMS)) (Max)8AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)60A, 63ACurrent - Gate Trigger (Igt) (Max)35mACurrent - Hold (Ih) (Max)40mAConfigurationSingleOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FPAB	Triac Type	Alternistor - Snubberless
Voltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)60A, 63ACurrent - Gate Trigger (Igt) (Max)35mACurrent - Hold (Ih) (Max)40mAConfigurationSingleOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FPAB	Voltage - Off State	800V
Current - Non Rep. Surge 50, 60Hz (Itsm)60A, 63ACurrent - Gate Trigger (Igt) (Max)35mACurrent - Hold (Ih) (Max)40mAConfigurationSingleOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FPAB	Current - On State (It (RMS)) (Max)	8A
Current - Gate Trigger (Igt) (Max)35mACurrent - Hold (Ih) (Max)40mAConfigurationSingleOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FPAB	Voltage - Gate Trigger (Vgt) (Max)	1.3V
Current - Hold (Ih) (Max)40mAConfigurationSingleOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FPAB	Current - Non Rep. Surge 50, 60Hz (Itsm)	60A, 63A
ConfigurationSingleOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FPAB	Current - Gate Trigger (Igt) (Max)	35mA
Operating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FPAB	Current - Hold (Ih) (Max)	40mA
Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FPAB	Configuration	Single
Package / CaseTO-220-3 Full PackSupplier Device PackageTO-220FPAB	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package TO-220FPAB	Mounting Type	Through Hole
	Package / Case	TO-220-3 Full Pack
	Supplier Device Package	TO-220FPAB
Report error		Report errors?

#### **T835T-8FP** 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 EUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.



If you have any question about T835T-8FP, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com