

# **STE50DE100**

Request a Quote

### **STE50DE100 Information**

	Part Number	STE50DE100
www.belsener.com	Manufacturer	STMicroelectronics
	Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
	Description	TRANS NPN 1000V 50A ISOTOP
	Package	ISOTOP
		For the pricing/inventory/lead time, please contact us
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com



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.



# **STE50DE100 Specifications**

Manufacturer Part Number     STE50DE100       Manufacturer     STMicroelectronics       Category     Discrete Semiconductor Products       Transistors - Bipolar (BJT) - Single     Transistors - Bipolar (BJT) - Single       Series     ISOTOP       Series     -       Transistor Type     NPN - Emitter Switched Bipolar       Curent - Collector (Ic) (Max)     SOA       Voltage - Collector Emitter Breakdown (Max)     1000V       Vce Saturation (Max) @ Ib, Ic     -       Current - Collector Cutoff (Max)     -       Power - Max     400W       Frequency - Transition     -       Operating Temperature     ISOTOP       Mounting Type     Chasis Mount       Package / Case     ISOTOP		
CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageISOTOPSeries-Transistor TypeNPN - Emitter Switched BipolarCurrent - Collector (Lc) (Max)50AVoltage - Collector Emitter Breakdown (Max)1000VVce Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)-PC current Gain (hFE) (Min) @ Ic, Vce-Power - Max400WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeChasis MountPackage / CaseISOTOPSupplier Device PackageISOTOP?	Manufacturer Part Number	STE50DE100
Transitors - Bipolar (BJT) - SinglePackageISOTOPSeries-Transistor TypeNPN - Emitter Switched BipolarCurrent - Collector (Ic) (Max)50AVoltage - Collector Emitter Breakdown (Max)1000VVec Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce-Prequency - Transition-Operating Temperature150°C (TJ)Mounting TypeChasis MountPackage / CaseISOTOP?Supplier Device PackageISOTOP?	Manufacturer	STMicroelectronics
PackageISOTOPSeries-Transistor TypeNPN - Emitter Switched BipolarCurrent - Collector (Lo (Max)50AVoltage - Collector Emitter Breakdown (Max)1000VVce Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)-Pocurent Gain (hFE) (Min) @ Ic, Vce-Power - Max400WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeSindountPackage / CaseISOTOP?Supplier Device PackageISOTOP?	Category	Discrete Semiconductor Products
YearSeries-Transistor TypeNPN - Emitter Switched BipolarCurrent - Collector (In(Max))50AVoltage - Collector Emitter Breakdown (Max)1000VVce Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce-Power - Max400WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeChasis MountPackage / CaseISOTOPSupplier Device PackageISOTOP?		Transistors - Bipolar (BJT) - Single
Transistor TypeNPN - Emitter Switched BipolarCurrent - Collector (Max)50AVoltage - Collector Emitter Breakdown (Max)1000VVce Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce-Power - Max400WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeIsotopePackage / CaseISOTOPSupplier Device PackageIsotopeSupplier Device PackageIsotope	Package	ISOTOP
Current - Collector (Ic) (Max)50AVoltage - Collector Emitter Breakdown (Max)1000VVce Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce-Power - Max400WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeChassis MountPackage / CaseISOTOPSupplier Device PackageISOTOP?	Series	-
Voltage - Collector Emitter Breakdown (Max)1000VVce Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce-Power - Max400WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeChassis MountPackage / CaseISOTOPSupplier Device PackageISOTOP?	Transistor Type	NPN - Emitter Switched Bipolar
Yce Saturation (Max) @ Ib, Ic-Current - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce-Power - Max400WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeChassis MountPackage / CaseISOTOPSupplier Device PackageISOTOP?	Current - Collector (Ic) (Max)	50A
Current - Collector Cutoff (Max)-DC Current Gain (hFE) (Min) @ Ic, Vce-Power - Max400WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeChassis MountPackage / CaseISOTOPSupplier Device PackageISOTOP?	Voltage - Collector Emitter Breakdown (Max)	1000V
DC Current Gain (hFE) (Min) @ Ic, Vce-Power - Max400WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeChassis MountPackage / CaseISOTOPSupplier Device PackageISOTOP?	Vce Saturation (Max) @ Ib, Ic	-
Power - Max400WFrequency - Transition-Operating Temperature150°C (TJ)Mounting TypeChassis MountPackage / CaseISOTOPSupplier Device PackageISOTOP?	Current - Collector Cutoff (Max)	-
Frequency - Transition-Operating Temperature150°C (TJ)Mounting TypeChassis MountPackage / CaseISOTOPSupplier Device PackageISOTOP?	DC Current Gain (hFE) (Min) @ Ic, Vce	-
Operating Temperature150°C (TJ)Mounting TypeChassis MountPackage / CaseISOTOPSupplier Device PackageISOTOP?	Power - Max	400W
Mounting TypeChassis MountPackage / CaseISOTOPSupplier Device PackageISOTOP?	Frequency - Transition	-
Package / Case ISOTOP   Supplier Device Package ISOTOP?	Operating Temperature	150°C (TJ)
Supplier Device Package ISOTOP?	Mounting Type	Chassis Mount
	Package / Case	ISOTOP
Report errors?	Supplier Device Package	ISOTOP?
		Report errors?

### **STE50DE100** 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 GUARANTEE

#### **Service Guarantees**

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

### **STE50DE100** Payment Methods



## **STE50DE100 Shipping Methods**



If you have any question about STE50DE100, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com