

# SRT110HA1G

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### **SRT110HA1G Information**

Heisener.com	Part Number	SRT110HA1G
	Manufacturer	TSC America Inc.
	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single
	Description	DIODE, SCHOTTKY, STANDARD, 1A, 1
	Package	T-18, Axial
		For the pricing/inventory/lead time, please contact
For Reference Only		us
		Website: https://www.heisener.com E-mail: salesdept@heisener.com

### **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.



## **SRT110HA1G Specifications**

Manufacturer Part NumberSRT110HA1GManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SingleDiodes - Rectifiers - SinglePackageT-18, AxialSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AYoltage - Forward (Vf) (Max) @ If800mV @ 1ASpeedFast Recovery < 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-S°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageT-18, AxialSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)IAVoltage - Forward (Vf) (Max) @ If800mV @ 1ASpeedFast Recovery =< 500ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 100VCapacitance @ Vr, F-Anouting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction55°C ~ 150°C	Manufacturer Part Number	SRT110HA1G
Diodes - Rectifiers - SinglePackageT-18, AxialSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If800mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 100VCurrent - Reverse Leakage @ Vr100µA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 150°C	Manufacturer	TSC America Inc.
PackageT-18, AxialSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Jo)1AVoltage - Forward (Vf) (Max) @ If800mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 150°C	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If800mV @ 1ASpeedFast Recovery = < 500ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 150°C		Diodes - Rectifiers - Single
Diode Type Schottky   Voltage - DC Reverse (Vr) (Max) 100V   Current - Average Rectified (Jo) 1A   Voltage - Forward (Vf) (Max) @ If 800mV @ 1A   Speed Fast Recovery = < 500ns, > 200mA (Jo)   Reverse Recovery Time (trr) -   Current - Reverse Leakage @ Vr 100µA @ 100V   Capacitance @ Vr, F -   Mounting Type Through Hole   Package / Case T-18, Axial   Supplier Device Package TS-1   Operating Temperature - Junction -55°C ~ 150°C	Package	T-18, Axial
Voltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If800mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100 $\mu$ A @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 150°C	Series	Automotive, AEC-Q101
Current - Average Rectified (Io)IAVoltage - Forward (Vf) (Max) @ If800mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 150°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If800mV @ 1ASpeedFast Recovery $= 500$ ns, $> 200$ mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100 $\mu$ A @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	100V
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Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	800mV @ 1A
Current - Reverse Leakage @ Vr100μA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting TypeThrough HolePackage / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 150°C	Current - Reverse Leakage @ Vr	100µA @ 100V
Package / CaseT-18, AxialSupplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device PackageTS-1Operating Temperature - Junction-55°C ~ 150°C	Mounting Type	Through Hole
Operating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$	Package / Case	T-18, Axial
	Supplier Device Package	TS-1
Report errors	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

#### **SRT110HA1G 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.

#### **SRT110HA1G Payment Methods**



### **SRT110HA1G Shipping Methods**



If you have any question about SRT110HA1G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com