



# **1SS355 RRG Information**

Heisener.com

Part Number 1SS355 RRG
Manufacturer TSC America Inc.

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE, SWITCHING & ARRAY, 0.15A,

Package SC-90, SOD-323F

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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# **Certified Quality**

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## **1SS355 RRG Specifications**

Manufacturer Part Number1SS355 RRGManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageSC-90, SOD-323FSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io)150mAVoltage - Forward (Vf) (Max) @ If1.2V @ 100mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 80VCapacitance @ Vr, F4pF @ 500mV, 1MHzMounting TypeSurface MountPackage / CaseSC-90, SOD-323FSupplier Device PackageSOD-323FOperating Temperature - Junction-65°C ~ 150°CReport errors?	155000 IIII o specifications	
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  SC-90, SOD-323F  Series  - Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  4ns  Current - Reverse Leakage @ Vr  100nA @ 80V  Capacitance @ Vr, F  4pF @ 500mV, 1MHz  Mounting Type  Surface Mount  Package / Case  SC-90, SOD-323F  Supplier Device Package  Operating Temperature - Junction  Discrete Semiconductor Products  Diodes - Rectifiers - Single  SC-90, SOD-323F  SoD-323F  Operating Temperature - Junction	Manufacturer Part Number	1SS355 RRG
Package SC-90, SOD-323F  Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 80V  Current - Average Rectified (Io) 150mA  Voltage - Forward (Vf) (Max) @ If 1.2V @ 100mA  Speed Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr) 4ns  Current - Reverse Leakage @ Vr 100nA @ 80V  Capacitance @ Vr, F 4pF @ 500mV, 1MHz  Mounting Type Surface Mount  Package / Case SC-90, SOD-323F  Supplier Device Package Operating Temperature - Junction -65°C ~ 150°C	Manufacturer	TSC America Inc.
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Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  80V  Current - Average Rectified (Io)  150mA  Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  4ns  Current - Reverse Leakage @ Vr  100nA @ 80V  Capacitance @ Vr, F  4pF @ 500mV, 1MHz  Mounting Type  Surface Mount  Package / Case  SC-90, SOD-323F  Supplier Device Package  Operating Temperature - Junction  Standard  80V  1.2V @ 100mA  4ns  1.2V @ 100mA  Sov  4ns  Sov  500mS, > 200mA (Io)  4ns  Current - Reverse Leakage @ Vr  100nA @ 80V  4pF @ 500mV, 1MHz  Surface Mount  Package / Case  SC-90, SOD-323F  Supplier Device Package  Operating Temperature - Junction  -65°C ~ 150°C	Package	SC-90, SOD-323F
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.2V @ 100mA  Speed  Fast Recovery = < 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  4ns  Current - Reverse Leakage @ Vr  100nA @ 80V  Capacitance @ Vr, F  4pF @ 500mV, 1MHz  Mounting Type  Surface Mount  Package / Case  SC-90, SOD-323F  Supplier Device Package  Operating Temperature - Junction  80V  4pF @ 500mV, 1MHz  50D-323F  50D-323F  60F-323F	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.2V @ 100mA  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  4ns  Current - Reverse Leakage @ Vr  100nA @ 80V  Capacitance @ Vr, F  4pF @ 500mV, 1MHz  Mounting Type  Surface Mount  Package / Case  SC-90, SOD-323F  Supplier Device Package  Operating Temperature - Junction  150mA  1.2V @ 100mA  4ns  Surface Mount  500mA  100mA  100mA	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  4ns  Current - Reverse Leakage @ Vr  100nA @ 80V  Capacitance @ Vr, F  4pF @ 500mV, 1MHz  Mounting Type  Surface Mount  Package / Case  SC-90, SOD-323F  Supplier Device Package  Operating Temperature - Junction  1.2V @ 100mA  1.2	Voltage - DC Reverse (Vr) (Max)	80V
Speed Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr) 4ns  Current - Reverse Leakage @ Vr 100nA @ 80V  Capacitance @ Vr, F 4pF @ 500mV, 1MHz  Mounting Type Surface Mount  Package / Case SC-90, SOD-323F  Supplier Device Package SOD-323F  Operating Temperature - Junction -65°C ~ 150°C	Current - Average Rectified (Io)	150mA
Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  100nA @ 80V  Capacitance @ Vr, F  4pF @ 500mV, 1MHz  Mounting Type  Surface Mount  Package / Case  SC-90, SOD-323F  Supplier Device Package  SOD-323F  Operating Temperature - Junction  4ns  4ns  4ns  4ns  4ns  4pF @ 500mV, 1MHz  500mV, 1MHz  500mV, 1MHz  60mV  60	Voltage - Forward (Vf) (Max) @ If	1.2V @ 100mA
Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  4pF @ 500mV, 1MHz  Mounting Type  Surface Mount  Package / Case  SC-90, SOD-323F  Supplier Device Package  SOD-323F  Operating Temperature - Junction  100nA @ 80V  4pF @ 500mV, 1MHz  Surface Mount  SC-90, SOD-323F  -65°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F 4pF @ 500mV, 1MHz  Mounting Type Surface Mount  Package / Case SC-90, SOD-323F  Supplier Device Package SOD-323F  Operating Temperature - Junction -65°C ~ 150°C	Reverse Recovery Time (trr)	4ns
Mounting Type Surface Mount Package / Case SC-90, SOD-323F Supplier Device Package SOD-323F Operating Temperature - Junction -65°C ~ 150°C	Current - Reverse Leakage @ Vr	100nA @ 80V
Package / Case SC-90, SOD-323F Supplier Device Package SOD-323F Operating Temperature - Junction -65°C ~ 150°C	Capacitance @ Vr, F	4pF @ 500mV, 1MHz
Supplier Device Package SOD-323F  Operating Temperature - Junction -65°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction -65°C ~ 150°C	Package / Case	SC-90, SOD-323F
	Supplier Device Package	SOD-323F
Report errors?	Operating Temperature - Junction	-65°C ~ 150°C
		Report errors?

#### **1SS355 RRG 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.

# **1SS355 RRG Payment Methods**





















### **1SS355 RRG Shipping Methods**













If you have any question about 1SS355 RRG, please do not hesitate to contact us!

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