

# JANTXV1N5554US

### **JANTXV1N5554US Information**

Heisener.com

Part Number JANTXV1N5554US Manufacturer Microsemi Corporation

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 1KV 3A B-MELF

SQ-MELF, B **Package** 

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



Request a Quote

## **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.









# **JANTXV1N5554US Specifications**

Manufacturer Part NumberJANTXV1N5554USManufacturerMicrosemi CorporationCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageSQ-MELF, BSeriesMilitary, MIL-PRF-19500/420Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 9ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)2μsCurrent - Reverse Leakage @ Vr1μA @ 1000VCapacitance @ Vr, F-		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageSQ-MELF, BSeriesMilitary, MIL-PRF-19500/420Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 9ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)2μsCurrent - Reverse Leakage @ Vr1μA @ 1000VCapacitance @ Vr, F-	Manufacturer Part Number	JANTXV1N5554US
Diodes - Rectifiers - Single           Package         SQ-MELF, B           Series         Military, MIL-PRF-19500/420           Diode Type         Standard           Voltage - DC Reverse (Vr) (Max)         1000V           Current - Average Rectified (Io)         3A           Voltage - Forward (Vf) (Max) @ If         1.3V @ 9A           Speed         Standard Recovery >500ns, > 200mA (Io)           Reverse Recovery Time (trr)         2μs           Current - Reverse Leakage @ Vr         1μA @ 1000V           Capacitance @ Vr, F         -	Manufacturer	Microsemi Corporation
Package         SQ-MELF, B           Series         Military, MIL-PRF-19500/420           Diode Type         Standard           Voltage - DC Reverse (Vr) (Max)         1000V           Current - Average Rectified (Io)         3A           Voltage - Forward (Vf) (Max) @ If         1.3V @ 9A           Speed         Standard Recovery >500ns, > 200mA (Io)           Reverse Recovery Time (trr)         2μs           Current - Reverse Leakage @ Vr         1μA @ 1000V           Capacitance @ Vr, F         -	Category	Discrete Semiconductor Products
Series Military, MIL-PRF-19500/420  Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 1000V  Current - Average Rectified (Io) 3A  Voltage - Forward (Vf) (Max) @ If 1.3V @ 9A  Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) 2 $\mu$ s  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 9ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)2μsCurrent - Reverse Leakage @ Vr1μA @ 1000VCapacitance @ Vr, F-	Package	SQ-MELF, B
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F	Series	Military, MIL-PRF-19500/420
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  -  3A  1.3V @ 9A  Standard Recovery >500ns, > 200mA (Io)  2µs	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If	Voltage - DC Reverse (Vr) (Max)	1000V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)2μsCurrent - Reverse Leakage @ Vr1μA @ 1000VCapacitance @ Vr, F-	Current - Average Rectified (Io)	3A
Reverse Recovery Time (trr)       2μs         Current - Reverse Leakage @ Vr       1μA @ 1000V         Capacitance @ Vr, F       -	Voltage - Forward (Vf) (Max) @ If	1.3V @ 9A
Current - Reverse Leakage @ Vr	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F	Reverse Recovery Time (trr)	2μs
-	Current - Reverse Leakage @ Vr	1μΑ @ 1000V
	Capacitance @ Vr, F	-
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case SQ-MELF, B	Package / Case	SQ-MELF, B
Supplier Device Package D-5B	Supplier Device Package	D-5B
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Operating Temperature - Junction	-65°C ~ 175°C
Report errors?		Report errors?

#### **JANTXV1N5554US 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.

### **JANTXV1N5554US Payment Methods**



















## **JANTXV1N5554US Shipping Methods**













If you have any question about JANTXV1N5554US, please do not hesitate to contact us!

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