

# **JANTX1N6076**

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### **JANTX1N6076 Information**

Heisener.com	Part Number	JANTX1N6076
	Manufacturer	Microsemi Corporation
	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single
	Description	DIODE GEN PURP 50V 1.3A AXIAL
	Package	A, 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.



# **JANTX1N6076 Specifications**

ManufacturerMicrosemi CorporationCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageA, AxialPackageMilitary, MIL-PRF-19500/503Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)1.3AVoltage - Forward (Vf) (Max) @ If1.76V @ 18.8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseA, AxialSupplier Device PackageA-PAK		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageA, AxialSeriesMilitary, MIL-PRF-19500/503Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)1.3AVoltage - Forward (Vf) (Max) @ If1.76V @ 18.8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)30nsCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseA, AxialSupplier Device PackageA-PAKOperating Temperature - Junction-65°C ~ 155°C	Manufacturer Part Number	JANTX1N6076
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PackageA, AxialSeriesMilitary, MIL-PRF-19500/503Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)1.3AVoltage - Forward (Vf) (Max) @ If1.76V @ 18.8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseA, AxialSupplier Device PackageA-PAKOperating Temperature - Junction-65°C ~ 155°C	Category	Discrete Semiconductor Products
SeriesMilitary, MIL-PRF-19500/503Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)1.3AVoltage - Forward (Vf) (Max) @ If1.76V @ 18.8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr5µA @ 50VCurrent - Reverse Leakage @ Vr-Mounting TypeThrough HolePackage / CaseA, AxialSupplier Device PackageA-PAKOperating Temperature - Junction-65°C ~ 155°C		Diodes - Rectifiers - Single
Diode Type Standard   Voltage - DC Reverse (Vr) (Max) 50V   Current - Average Rectified (Io) 1.3A   Voltage - Forward (Vf) (Max) @ If 1.76V @ 18.8A   Speed Fast Recovery =< 500ns, > 200mA (Io)   Reverse Recovery Time (trr) 30ns   Current - Reverse Leakage @ Vr 5µA @ 50V   Capacitance @ Vr, F -   Mounting Type Through Hole   Package / Case A, Axial   Supplier Device Package A-PAK   Operating Temperature - Junction -65°C ~ 155°C	Package	A, Axial
Voltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)1.3AVoltage - Forward (Vf) (Max) @ If1.76V @ 18.8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr5µA @ 50VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseA, AxialSupplier Device PackageA-PAKOperating Temperature - Junction-65°C ~ 155°C	Series	Military, MIL-PRF-19500/503
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Voltage - Forward (Vf) (Max) @ If $1.76V @ 18.8A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr) $30ns$ Current - Reverse Leakage @ Vr $5\muA @ 50V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseA, AxialSupplier Device PackageA-PAKOperating Temperature - Junction-65°C ~ 155°C	Voltage - DC Reverse (Vr) (Max)	50V
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Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseA, AxialSupplier Device PackageA-PAKOperating Temperature - Junction-65°C ~ 155°C	Reverse Recovery Time (trr)	30ns
Mounting TypeThrough HolePackage / CaseA, AxialSupplier Device PackageA-PAKOperating Temperature - Junction-65°C ~ 155°C	Current - Reverse Leakage @ Vr	5µA @ 50V
Package / CaseA, AxialSupplier Device PackageA-PAKOperating Temperature - Junction-65°C ~ 155°C	Capacitance @ Vr, F	-
Supplier Device PackageA-PAKOperating Temperature - Junction-65°C ~ 155°C	Mounting Type	Through Hole
Operating Temperature - Junction -65°C ~ 155°C	Package / Case	A, Axial
	Supplier Device Package	A-PAK
Report errors?	Operating Temperature - Junction	-65°C ~ 155°C
		Report errors?

#### **JANTX1N6076** 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 BUARANTEE

#### **Service Guarantees**

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

# **JANTX1N6076 Payment Methods**





If you have any question about JANTX1N6076, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com