

# VS-8ETX06FP-N3

#### **VS-8ETX06FP-N3 Information**

Heisener.com	 VS-8ETX06FP-N3 Vishay Semiconductor Diodes Division Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE HYPERFAST 8A TO-220FP TO-220-2 Full Pack For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com 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.



### **VS-8ETX06FP-N3 Specifications**

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-220-2 Full PackSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If3V @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)17nsCurrent - Reverse Leakage @ Vr50µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-220-2 Full PackSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If3V @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)17nsCurrent - Reverse Leakage @ Vr50µA @ 600VCurrent - Reverse Leakage @ Vr50µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220-FPOperating Temperature - Junction-65°C ~ 175°C	Manufacturer Part Number	VS-8ETX06FP-N3
Diodes - Rectifiers - SinglePackageTO-220-2 Full PackSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If $3V @ 8A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)17nsCurrent - Reverse Leakage @ Vr $50\mu A @ 600V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$	Manufacturer	Vishay Semiconductor Diodes Division
PackageTO-220-2 Full PackSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If3V @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)17nsCurrent - Reverse Leakage @ Vr50µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction-65°C ~ 175°C	Category	Discrete Semiconductor Products
Series-Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If3V @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)17nsCurrent - Reverse Leakage @ Vr50µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction-65°C ~ 175°C		Diodes - Rectifiers - Single
Diode TypeStandardDiode Type600VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If3V @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)17nsCurrent - Reverse Leakage @ Vr50µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction-65°C ~ 175°C	Package	TO-220-2 Full Pack
Voltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If $3V @ 8A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)17nsCurrent - Reverse Leakage @ Vr $50\mu A @ 600V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction $-65°C ~ 175°C$	Series	-
Current - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If3V @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)17nsCurrent - Reverse Leakage @ Vr50µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction-65°C ~ 175°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $3V @ 8A$ SpeedFast Recovery =< $500ns$ , > $200mA$ (Io)Reverse Recovery Time (trr) $17ns$ Current - Reverse Leakage @ Vr $50\mu A @ 600V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction $-65^\circ C \sim 175^\circ C$	Voltage - DC Reverse (Vr) (Max)	600V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)17nsCurrent - Reverse Leakage @ Vr50μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction-65°C ~ 175°C	Current - Average Rectified (Io)	8A
Reverse Recovery Time (trr)17nsCurrent - Reverse Leakage @ Vr50μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction-65°C ~ 175°C	Voltage - Forward (Vf) (Max) @ If	3V @ 8A
Current - Reverse Leakage @ Vr50µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction-65°C ~ 175°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction-65°C ~ 175°C	Reverse Recovery Time (trr)	17ns
Mounting TypeThrough HolePackage / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction-65°C ~ 175°C	Current - Reverse Leakage @ Vr	50µA @ 600V
Package / CaseTO-220-2 Full PackSupplier Device PackageTO-220FPOperating Temperature - Junction-65°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device PackageTO-220FPOperating Temperature - Junction-65°C ~ 175°C	Mounting Type	Through Hole
Operating Temperature - Junction $-65^{\circ}C \sim 175^{\circ}C$	Package / Case	TO-220-2 Full Pack
	Supplier Device Package	TO-220FP
Report errors?	Operating Temperature - Junction	-65°C ~ 175°C
		Report errors?

#### VS-8ETX06FP-N3 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

#### **Service Guarantees**

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

# VS-8ETX06FP-N3 Payment Methods





If you have any question about VS-8ETX06FP-N3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com