

# **VS-60APU06-N3**

#### **VS-60APU06-N3 Information**

		Part Number	VS-60APU06-N3	
		Manufacturer	Vishay Semiconductor Diodes Division	
5. WW	w.heistener.com	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	
	17	Description	DIODE FRED 600V 60A TO-247	- #\$28869
	All I	Package	TO-247-3	
			For the pricing/inventory/lead time, please contact us	E13##\$4
For	Reference Only		Website: https://www.heisener.com	Request a Quote

E-mail: salesdept@heisener.com

#### For Reference Only

# **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-60APU06-N3 Specifications**

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-247-3SeriesFRED Pt?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)60AVoltage - Forward (Vf) (Max) @ If1.68V @ 60ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)81nsCurrent - Reverse Leakage @ Vr50µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction55°C ~ 175°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-247-3SeriesFRED Pt?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)60AVoltage - Forward (Vf) (Max) @ If1.68V @ 60ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)81nsCurrent - Reverse Leakage @ Vr50µA @ 600VCurrent - Reverse Leakage @ Vr50µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction-55°C ~ 175°C	Manufacturer Part Number	VS-60APU06-N3
Diodes - Rectifiers - SinglePackageTO-247-3SeriesFRED Pt?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io) $60A$ Voltage - Forward (Vf) (Max) @ If $1.68V @ 60A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr) $81ns$ Current - Reverse Leakage @ Vr $50\mu A @ 600V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$	Manufacturer	Vishay Semiconductor Diodes Division
PackageTO-247-3SeriesFRED Pt?Diode TypeStandardVoltage - DC Reverse (Vr) (Max) $600V$ Current - Average Rectified (Io) $60A$ Voltage - Forward (Vf) (Max) @ If $1.68V @ 60A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr) $81ns$ Current - Reverse Leakage @ Vr $50\mu A @ 600V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction $-55^\circ C \sim 175^\circ C$	Category	Discrete Semiconductor Products
Series FRED Pt?   Diode Type Standard   Voltage - DC Reverse (Vr) (Max) 600V   Current - Average Rectified (Io) 60A   Voltage - Forward (Vf) (Max) @ If 1.68V @ 60A   Speed Fast Recovery =< 500ns, > 200mA (Io)   Reverse Recovery Time (trr) 81ns   Current - Reverse Leakage @ Vr 50µA @ 600V   Capacitance @ Vr, F -   Mounting Type Through Hole   Package / Case TO-247-33   Supplier Device Package TO-247AC   Operating Temperature - Junction -55°C ~ 175°C		Diodes - Rectifiers - Single
Diode TypeStandardDiode Type600VCurrent - Average Rectified (Jo)60AVoltage - Forward (Vf) (Max) @ If1.68V @ 60ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)81nsCurrent - Reverse Leakage @ Vr50µA @ 600VCurapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device Package50°C ~ 175°C	Package	TO-247-3
Yoltage - DC Reverse (Vr) (Max) 600V   Current - Average Rectified (Io) 60A   Voltage - Forward (Vf) (Max) @ If 1.68V @ 60A   Speed Fast Recovery =< 500ns, > 200mA (Io)   Reverse Recovery Time (trr) 81ns   Current - Reverse Leakage @ Vr 50µA @ 600V   Capacitance @ Vr, F -   Mounting Type Through Hole   Package / Case TO-247-3   Supplier Device Package TO-247SC	Series	FRED Pt?
Current - Average Rectified (Io)60AVoltage - Forward (Vf) (Max) @ If1.68V @ 60ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)81nsCurrent - Reverse Leakage @ Vr50µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction-55°C ~ 175°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $1.68V @ 60A$ SpeedFast Recovery =< $500ns$ , > $200mA$ (Io)Reverse Recovery Time (trr) $81ns$ Current - Reverse Leakage @ Vr $50\mu A @ 600V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction $-55^\circ C \sim 175^\circ C$	Voltage - DC Reverse (Vr) (Max)	600V
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Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction-55°C ~ 175°C	Reverse Recovery Time (trr)	81ns
Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction-55°C ~ 175°C	Current - Reverse Leakage @ Vr	50µA @ 600V
Package / CaseTO-247-3Supplier Device PackageTO-247ACOperating Temperature - Junction-55°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device PackageTO-247ACOperating Temperature - Junction-55°C ~ 175°C	Mounting Type	Through Hole
Operating Temperature - Junction -55°C ~ 175°C	Package / Case	TO-247-3
	Supplier Device Package	TO-247AC
Report errors?	Operating Temperature - Junction	-55°C ~ 175°C
		Report errors?

#### VS-60APU06-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 EUARANTEE

#### **Service Guarantees**

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

#### VS-60APU06-N3 Payment Methods



# VS-60APU06-N3 Shipping Methods



If you have any question about VS-60APU06-N3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com