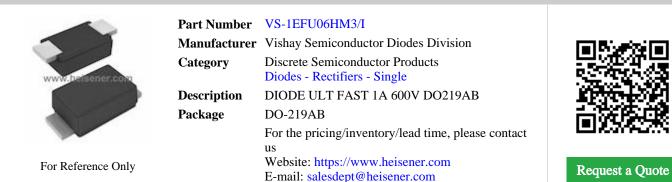


VS-1EFU06HM3/I

VS-1EFU06HM3/I Information



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-1EFU06HM3/I Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-219ABSeriesAutomotive, AEC-Q101, FRED Pt?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.2V @ 1ASpedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)32nsCurrent - Reverse Leakage @ Vr3µA @ 600VCurrent - Reverse Leakage @ VrDO-219ABSpedSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction55°C ~ 175°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-219ABSeriesAutomotive, AEC-Q101, FRED Pt?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.2V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)32nsCurrent - Reverse Leakage @ Vr3µA @ 600VCurrent - Reverse Leakage @ Vr500rAPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction.55°C ~ 175°C	Manufacturer Part Number	VS-1EFU06HM3/I
InitialDiodes - Rectifiers - SinglePackageDO-219ABSeriesAutomotive, AEC-Q101, FRED Pt?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Jo)IAVoltage - Forward (Vf) (Max) @ If1.2V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)32nsCurrent - Reverse Leakage @ Vr3µA @ 600VCurrent - Reverse Leakage @ VrDO-219ABMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-219ABSeriesAutomotive, AEC-Q101, FRED Pt?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.2V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)32nsCurrent - Reverse Leakage @ Vr3µA @ 600VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Category	Discrete Semiconductor Products
Series Automotive, AEC-Q101, FRED Pt? Diode Type Standard Voltage - DC Reverse (Vr) (Max) 600V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If 1.2V @ 1A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 32ns Current - Reverse Leakage @ Vr 3µA @ 600V Capacitance @ Vr, F - Mounting Type Surface Mount Package / Case DO-219AB Supplier Device Package DO-219AB (SMF) Operating Temperature - Junction -55°C ~ 175°C		Diodes - Rectifiers - Single
Diode Type Standard Voltage - DC Reverse (Vr) (Max) 600V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If 1.2V @ 1A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 32ns Current - Reverse Leakage @ Vr 3µA @ 600V Capacitance @ Vr, F - Mounting Type Surface Mount Package / Case DO-219AB Supplier Device Package DO-219AB (SMF)	Package	DO-219AB
Notage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If $1.2V @ 1A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr) $32ns$ Current - Reverse Leakage @ Vr $3\mu A @ 600V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction -55° C ~ 175°C	Series	Automotive, AEC-Q101, FRED Pt?
Current - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.2V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)32nsCurrent - Reverse Leakage @ Vr3µA @ 600VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $1.2V @ 1A$ SpeedFast Recovery =< $500ns$, > $200mA$ (Io)Reverse Recovery Time (trr) $32ns$ Current - Reverse Leakage @ Vr $3\muA @ 600V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction -55° C ~ 175° C	Voltage - DC Reverse (Vr) (Max)	600V
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Reverse Recovery Time (trr)32nsCurrent - Reverse Leakage @ Vr3µA @ 600VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Voltage - Forward (Vf) (Max) @ If	1.2V @ 1A
Current - Reverse Leakage @ Vr3μA @ 600VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Reverse Recovery Time (trr)	32ns
Mounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Current - Reverse Leakage @ Vr	3µA @ 600V
Package / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 175°C	Package / Case	DO-219AB
	Supplier Device Package	DO-219AB (SMF)
Report errors?	Operating Temperature - Junction	-55°C ~ 175°C
		Report errors?

VS-1EFU06HM3/I 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.

VS-1EFU06HM3/I Payment Methods





If you have any question about VS-1EFU06HM3/I, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com