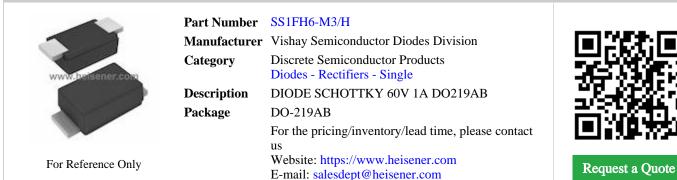


SS1FH6-M3/H

SS1FH6-M3/H 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.



SS1FH6-M3/H Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-219ABSeriesAutomotive, AEC-Q101, eSMP?Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max) $60V$ Current - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If $700mV @ 1A$ SpeedFast Recovery =< $500ns, > 200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $3\muA @ 60V$ Capacitance @ Vr, F $90pF @ 4V, 1MHz$ Mouning TypeSurface MountPackage / CaseDO-219AB (SMF)Supplier Device Package $DO-219AB$ (SMF)Operating Temperature - Junction $55°C ~ 175°C$		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-219ABSeriesAutomotive, AEC-Q101, eSMP?Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr3µA @ 60VCapacitance @ Vr, F90pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Manufacturer Part Number	SS1FH6-M3/H
Diodes - Rectifiers - SinglePackageDo-219ABSeriesAutomotive, AEC-Q101, eSMP?Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max) $60V$ Current - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If $700mV @ 1A$ SpeedFast Recovery =< $500ns, > 200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $3\muA @ 60V$ Capacitance @ Vr, F $90pF @ 4V, 1MHz$ Mounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction -55° C ~ 175°C	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-219ABSeriesAutomotive, AEC-Q101, eSMP?Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery =< 500ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3µA @ 60VCapacitance @ Vr, F90pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219AB<(SMF)	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101, eSMP?SeriesAutomotive, AEC-Q101, eSMP?Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max) $60V$ Current - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If $700mV @ 1A$ SpeedFast Recovery =< $500ns, > 200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $3\muA @ 60V$ Current - Reverse Leakage @ Vr $90pF @ 4V, 1MHz$ Mounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction $-55°C ~ 175°C$		Diodes - Rectifiers - Single
Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3µA @ 60VCapacitance @ Vr, F90pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Package	DO-219AB
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Current - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3µA @ 60VCapacitance @ Vr, F90pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3µA @ 60VCapacitance @ Vr, F90pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Voltage - DC Reverse (Vr) (Max)	60V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3µA @ 60VCapacitance @ Vr, F90pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr3µA @ 60VCapacitance @ Vr, F90pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Voltage - Forward (Vf) (Max) @ If	700mV @ 1A
Current - Reverse Leakage @ Vr 3μ A @ 60VCapacitance @ Vr, F90pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F90pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Reverse Recovery Time (trr)	-
Mounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Current - Reverse Leakage @ Vr	3µA @ 60V
Package / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Capacitance @ Vr, F	90pF @ 4V, 1MHz
Supplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 175°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-55^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Package / Case	DO-219AB
	Supplier Device Package	DO-219AB (SMF)
Report errors?	Operating Temperature - Junction	-55°C ~ 175°C
		Report errors?

SS1FH6-M3/H 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.

SS1FH6-M3/H Payment Methods



SS1FH6-M3/H Shipping Methods



If you have any question about SS1FH6-M3/H, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com