

S07M-GS18 Information



For Reference Only

Part Number S07M-GS18

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE STD REC 1000V DO219AB

Package DO-219AB

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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S07M-GS18 Specifications

Manufacturer Part NumberS07M-GS18ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-219ABSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)700mAVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1800nsCurrent - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 150°C		
Discrete Semiconductor Products Diodes - Rectifiers - Single DO-219AB Series Diode Type Standard Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 1800ns Current - Reverse Leakage @ Vr 10µA @ 1000V Capacitance @ Vr, F 4pF @ 4V, 1MHz Mounting Type Package / Case DO-219AB Supplier Device Package Operating Temperature - Junction DO-219AB (SMF) Do-219AB (SMF) Operating Temperature - Junction	Manufacturer Part Number	S07M-GS18
Diodes - Rectifiers - SinglePackageDO-219ABSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)700mAVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1800nsCurrent - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 150°C	Manufacturer	Vishay Semiconductor Diodes Division
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SeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)700mAVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1800nsCurrent - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 150°C		Diodes - Rectifiers - Single
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Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 1800ns Current - Reverse Leakage @ Vr 10μA @ 1000V Capacitance @ Vr, F 4pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case Supplier Device Package DO-219AB (SMF) Operating Temperature - Junction	Series	Automotive, AEC-Q101
Current - Average Rectified (Io)700mAVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1800nsCurrent - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 150°C	Diode Type	Standard
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SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1800nsCurrent - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	700mA
Reverse Recovery Time (trr)1800nsCurrent - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F4pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-219ABSupplier Device PackageDO-219AB (SMF)Operating Temperature - Junction-55°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	1.1V @ 1A
Current - Reverse Leakage @ Vr Capacitance @ Vr, F 4pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-219AB Supplier Device Package DO-219AB (SMF) Operating Temperature - Junction	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F 4pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-219AB Supplier Device Package DO-219AB (SMF) Operating Temperature - Junction -55°C ~ 150°C	Reverse Recovery Time (trr)	1800ns
Mounting Type Surface Mount Package / Case DO-219AB Supplier Device Package DO-219AB (SMF) Operating Temperature - Junction -55°C ~ 150°C	Current - Reverse Leakage @ Vr	10μA @ 1000V
Package / Case DO-219AB Supplier Device Package DO-219AB (SMF) Operating Temperature - Junction -55°C ~ 150°C	Capacitance @ Vr, F	4pF @ 4V, 1MHz
Supplier Device Package DO-219AB (SMF) Operating Temperature - Junction -55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	DO-219AB
	Supplier Device Package	DO-219AB (SMF)
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

S07M-GS18 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.

S07M-GS18 Payment Methods



















S07M-GS18 Shipping Methods













If you have any question about S07M-GS18, please do not hesitate to contact us!

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