



SS16FP Information

Part Number SS16FP

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

Description DIODE SCHOTTKY 60V 1A SOD123HE

Package SOD-123H

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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SS16FP Specifications

Manufacturer Part NumberSS16FPManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsPackageSOD-123HSeriesAutomotive, AEC-Q101Diode 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 @ Vr400μA @ 60VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseSOD-123HSupplier Device PackageSOD-123HEOperating Temperature - Junction-55°C ~ 150°CReport errors?	SSICII Specifications	
Category Discrete Semiconductor Products Diodes - Rectifiers - Single SOD-123H Series Automotive, AEC-Q101 Diode Type Schottky Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 400µA @ 60V Capacitance @ Vr, F 80pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case SOD-123H Supplier Device Package Operating Temperature - Junction Diodes - Rectifiers - Single Automotive, AEC-Q101 1A Automotive, AEC-Q101 1A Automotive, AEC-Q101 1A 400µ 60V Current - Average Rectified (Io) -55°C ~ 150°C	Manufacturer Part Number	SS16FP
PackageDiodes - Rectifiers - SingleSeriesAutomotive, AEC-Q101Diode 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 @ Vr400μA @ 60VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseSOD-123HSupplier Device PackageSOD-123HEOperating Temperature - Junction-55°C ~ 150°C	Manufacturer	Fairchild/ON Semiconductor
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Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 700mV @ 1A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F 80pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case SOD-123H Supplier Device Package Operating Temperature - Junction 1A 700mV @ 10m 700mV @ 10m 700mV @ 10m 700m 700m	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If700mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr400μA @ 60VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseSOD-123HSupplier Device PackageSOD-123HEOperating Temperature - Junction-55°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	60V
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Capacitance @ Vr, F 80pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case SOD-123H Supplier Device Package SOD-123HE Operating Temperature - Junction -55°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting Type Surface Mount Package / Case SOD-123H Supplier Device Package SOD-123HE Operating Temperature - Junction -55°C ~ 150°C	Current - Reverse Leakage @ Vr	400μA @ 60V
Package / Case SOD-123H Supplier Device Package SOD-123HE Operating Temperature - Junction -55°C ~ 150°C	Capacitance @ Vr, F	80pF @ 4V, 1MHz
Supplier Device Package SOD-123HE Operating Temperature - Junction -55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Package / Case	SOD-123H
	Supplier Device Package	SOD-123HE
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

SS16FP 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.

SS16FP Payment Methods



















SS16FP Shipping Methods













If you have any question about SS16FP, please do not hesitate to contact us!

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