

ES1B Information



For Reference Only

Part Number ES1B

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

Description DIODE GEN PURP 100V 1A SMA

Package DO-214AC, SMA

For the pricing/inventory/lead time, please contact

us

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



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ES1B Specifications

Manufacturer Part NumberES1BManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsPackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If920mV @ 1ASpeedFast Recovery < 500ns, > 200mA (Io)Reverse Recovery Time (trr)15nsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F7pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMA (DO-214AC)Operating Temperature - Junction-55°C ~ 150°CReport errors?	251b Specifications	
Category Discrete Semiconductor Products Diodes - Rectifiers - Single Package DO-214AC, SMA Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 100V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 15ns Current - Reverse Leakage @ Vr 5µA @ 100V Capacitance @ Vr, F 7pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package SMA (DO-214AC) Operating Temperature - Junction	Manufacturer Part Number	ES1B
Diodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If920mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)15nsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F7pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMA (DO-214AC)Operating Temperature - Junction-55°C ~ 150°C	Manufacturer	Fairchild/ON Semiconductor
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Reverse Recovery Time (trr)15nsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F7pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMA (DO-214AC)Operating Temperature - Junction-55°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	920mV @ 1A
Current - Reverse Leakage @ Vr Capacitance @ Vr, F 7pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package SMA (DO-214AC) Operating Temperature - Junction 5µA @ 100V 7pF @ 4V, 1MHz Surface Mount DO-214AC, SMA Supplier Device Package SMA (DO-214AC) -55°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F 7pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package SMA (DO-214AC) Operating Temperature - Junction 7pF @ 4V, 1MHz Surface Mount DO-214AC, SMA SWA (DO-214AC)	Reverse Recovery Time (trr)	15ns
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Package / Case DO-214AC, SMA Supplier Device Package SMA (DO-214AC) Operating Temperature - Junction -55°C ~ 150°C	Capacitance @ Vr, F	7pF @ 4V, 1MHz
Supplier Device Package SMA (DO-214AC) Operating Temperature - Junction -55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	DO-214AC, SMA
	Supplier Device Package	SMA (DO-214AC)
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

ES1B 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.

ES1B Payment Methods





















ES1B Shipping Methods













If you have any question about ES1B, please do not hesitate to contact us!

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