



SE70PJ-M3/86A Information



For Reference Only

Part Number SE70PJ-M3/86A

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP 600V 2.9A TO277A

Package TO-277, 3-PowerDFN

For the pricing/inventory/lead time, please contact

us

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



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SE70PJ-M3/86A Specifications

Manufacturer Part NumberSE70PJ-M3/86AManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-277, 3-PowerDFNSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)2.9A (DC)Voltage - Forward (Vf) (Max) @ If1.05V @ 7ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)2.6μsCurrent - Reverse Leakage @ Vr20μA @ 600VCapacitance @ Vr, F76pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277A (SMPC)Operating Temperature - Junction-55°C ~ 175°C		
Discrete Semiconductor Products Diodes - Rectifiers - Single TO-277, 3-PowerDFN Series Automotive, AEC-Q101 Diode Type Standard Voltage - DC Reverse (Vr) (Max) 600V Current - Average Rectified (Io) 2.9A (DC) Voltage - Forward (Vf) (Max) @ If 1.05V @ 7A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 2.6µs Current - Reverse Leakage @ Vr 20µA @ 600V Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-277, 3-PowerDFN Supplier Device Package TO-277A (SMPC) Operating Temperature - Junction Diodes - Rectifiers - Single TO-277 Single Standard Recovery Standard Recovery >500n Standard Recovery >500ns, > 200mA (Io) Standard Recove	Manufacturer Part Number	SE70PJ-M3/86A
Diodes - Rectifiers - SinglePackageTO-277, 3-PowerDFNSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)2.9A (DC)Voltage - Forward (Vf) (Max) @ If1.05V @ 7ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)2.6µsCurrent - Reverse Leakage @ Vr20µA @ 600VCapacitance @ Vr, F76pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277A (SMPC)Operating Temperature - Junction-55°C ~ 175°C	Manufacturer	Vishay Semiconductor Diodes Division
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Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)2.9A (DC)Voltage - Forward (Vf) (Max) @ If1.05V @ 7ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)2.6µsCurrent - Reverse Leakage @ Vr20µA @ 600VCapacitance @ Vr, F76pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277A (SMPC)Operating Temperature - Junction-55°C ~ 175°C	Package	TO-277, 3-PowerDFN
Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 2.6μs Current - Reverse Leakage @ Vr Capacitance @ Vr, F 76pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case TO-277, 3-PowerDFN Supplier Device Package TO-277A (SMPC) Operating Temperature - Junction	Series	Automotive, AEC-Q101
Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-277, 3-PowerDFN Supplier Device Package Operating Temperature - Junction 2.9A (DC) 1.05V @ 7A Standard Recovery >500ns, > 200mA (Io) 2.6µs 20µA @ 600V 76pF @ 4V, 1MHz Mounting Type Surface Mount TO-277, 3-PowerDFN Supplier Device Package TO-277A (SMPC) -55°C ~ 175°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 2.6μs Current - Reverse Leakage @ Vr 20μA @ 600V Capacitance @ Vr, F 76pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case TO-277, 3-PowerDFN Supplier Device Package TO-277A (SMPC) Operating Temperature - Junction	Voltage - DC Reverse (Vr) (Max)	600V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)2.6μsCurrent - Reverse Leakage @ Vr20μA @ 600VCapacitance @ Vr, F76pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277A (SMPC)Operating Temperature - Junction-55°C ~ 175°C	Current - Average Rectified (Io)	2.9A (DC)
Reverse Recovery Time (trr) 2.6 μ s 2.6 μ s 20 μ A @ 600V	Voltage - Forward (Vf) (Max) @ If	1.05V @ 7A
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Capacitance @ Vr, F 76pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case TO-277, 3-PowerDFN Supplier Device Package TO-277A (SMPC) Operating Temperature - Junction -55°C ~ 175°C	Reverse Recovery Time (trr)	2.6µs
Mounting Type Surface Mount Package / Case TO-277, 3-PowerDFN Supplier Device Package TO-277A (SMPC) Operating Temperature - Junction -55°C ~ 175°C	Current - Reverse Leakage @ Vr	20μA @ 600V
Package / Case TO-277, 3-PowerDFN Supplier Device Package TO-277A (SMPC) Operating Temperature - Junction -55°C ~ 175°C	Capacitance @ Vr, F	76pF @ 4V, 1MHz
Supplier Device Package TO-277A (SMPC) Operating Temperature - Junction -55°C ~ 175°C	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 175°C	Package / Case	TO-277, 3-PowerDFN
	Supplier Device Package	TO-277A (SMPC)
Report errors?	Operating Temperature - Junction	-55°C ~ 175°C
		Report errors?

SE70PJ-M3/86A 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.

SE70PJ-M3/86A Payment Methods



















SE70PJ-M3/86A Shipping Methods













If you have any question about SE70PJ-M3/86A, please do not hesitate to contact us!

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