



# **BYG10GHE3\_A/H Information**

Heisener.com

Part Number BYG10GHE3\_A/H

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

DIODE AVALANCHE 400V 1.5A SMA **Description** 

**Package** DO-214AC, SMA

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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# **Certified Quality**

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### **BYG10GHE3\_A/H Specifications**

Manufacturer Part NumberBYG10GHE3_A/HManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AC, SMASeriesAutomotive, AEC-Q101Diode TypeAvalancheVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1.5AVoltage - Forward (Vf) (Max) @ If1.15V @ 1.5ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)4μsCurrent - Reverse Leakage @ Vr1μA @ 400VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C		
Category         Discrete Semiconductor Products           Diodes - Rectifiers - Single           Package         DO-214AC, SMA           Series         Automotive, AEC-Q101           Diode Type         Avalanche           Voltage - DC Reverse (Vr) (Max)         400V           Current - Average Rectified (Io)         1.5A           Voltage - Forward (Vf) (Max) @ If         1.15V @ 1.5A           Speed         Standard Recovery >500ns, > 200mA (Io)           Reverse Recovery Time (trr)         4μs           Current - Reverse Leakage @ Vr         1μA @ 400V           Capacitance @ Vr, F         -           Mounting Type         Surface Mount           Package / Case         DO-214AC, SMA           Supplier Device Package         DO-214AC (SMA)           Operating Temperature - Junction         -55°C ~ 150°C	Manufacturer Part Number	BYG10GHE3_A/H
Diodes - Rectifiers - SinglePackageDO-214AC, SMASeriesAutomotive, AEC-Q101Diode TypeAvalancheVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1.5AVoltage - Forward (Vf) (Max) @ If1.15V @ 1.5ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)4μsCurrent - Reverse Leakage @ Vr1μA @ 400VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Manufacturer	Vishay Semiconductor Diodes Division
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Series Automotive, AEC-Q101  Diode Type Avalanche  Voltage - DC Reverse (Vr) (Max) 400V  Current - Average Rectified (Io) 1.5A  Voltage - Forward (Vf) (Max) @ If 1.15V @ 1.5A  Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) 4µs  Current - Reverse Leakage @ Vr 1µA @ 400V  Capacitance @ Vr, F -  Mounting Type Surface Mount  Package / Case DO-214AC, SMA  Supplier Device Package DO-214AC (SMA)  Operating Temperature - Junction -55°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeAvalancheVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1.5AVoltage - Forward (Vf) (Max) @ If1.15V @ 1.5ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)4μsCurrent - Reverse Leakage @ Vr1μA @ 400VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Package	DO-214AC, SMA
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Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  IµA @ 400V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  DO-214AC, SMA  Supplier Device Package  DO-214AC (SMA)  Operating Temperature - Junction	Diode Type	Avalanche
Voltage - Forward (Vf) (Max) @ If1.15V @ 1.5ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)4μsCurrent - Reverse Leakage @ Vr1μA @ 400VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	400V
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Reverse Recovery Time (trr) $4\mu s$ Current - Reverse Leakage @ Vr $1\mu A$ @ $400V$ Capacitance @ Vr, F - Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction -55°C ~ $150$ °C	Voltage - Forward (Vf) (Max) @ If	1.15V @ 1.5A
Current - Reverse Leakage @ Vr	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F  Mounting Type Surface Mount  Package / Case DO-214AC, SMA  Supplier Device Package DO-214AC (SMA)  Operating Temperature - Junction -55°C ~ 150°C	Reverse Recovery Time (trr)	4μs
Mounting Type Surface Mount  Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction -55°C ~ 150°C	Current - Reverse Leakage @ Vr	1μA @ 400V
Package / Case  DO-214AC, SMA  Supplier Device Package  DO-214AC (SMA)  Operating Temperature - Junction  DO-214AC (SMA)  -55°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device Package DO-214AC (SMA)  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	DO-214AC (SMA)
	Operating Temperature - Junction	-55°C ~ 150°C
Report errors?		Report errors?

### **BYG10GHE3\_A/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 Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### BYG10GHE3\_A/H Payment Methods



















## BYG10GHE3\_A/H Shipping Methods













If you have any question about BYG10GHE3\_A/H, please do not hesitate to contact us!

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