



### VI20150CHM3/4W Information



For Reference Only

Part Number VI20150CHM3/4W

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Arrays

**Description** DIODE SCHOTTKY 20A 150V TO-262AA **Package** TO-262-3 Long Leads, I2Pak, TO-262AA

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## VI20150CHM3/4W Specifications

Manufacturer Part Number       VI20150CHM3/4W         Manufacturer       Vishay Semiconductor Diodes Division         Category       Discrete Semiconductor Products         Diodes - Rectifiers - Arrays         Package       TO-262-3 Long Leads, I2Pak, TO-262AA         Series       Automotive, AEC-Q101, TMBS?         Diode Configuration       1 Pair Common Cathode         Diode Type       Schottky         Voltage - DC Reverse (Vr) (Max)       150V         Current - Average Rectified (Io) (per Diode)       10A         Voltage - Forward (Vf) (Max) @ If       1.2V @ 10A         Speed       Fast Recovery =< 500ns, > 200mA (Io)         Reverse Recovery Time (trr)       -         Current - Reverse Leakage @ Vr       150µA @ 150V         Operating Temperature - Junction       -55°C ~ 150°C         Mounting Type       Through Hole         Package / Case       TO-262-3 Long Leads, I2Pak, TO-262AA         Supplier Device Package       TO-262AA		
Discrete Semiconductor Products  Diodes - Rectifiers - Arrays  Package TO-262-3 Long Leads, I2Pak, TO-262AA  Series Automotive, AEC-Q101, TMBS?  Diode Configuration 1 Pair Common Cathode  Diode Type Schottky  Voltage - DC Reverse (Vr) (Max) 150V  Current - Average Rectified (Io) (per Diode) Voltage - Forward (Vf) (Max) @ If 1.2V @ 10A  Speed Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Operating Temperature - Junction  Mounting Type Through Hole Package / Case TO-262-3 Long Leads, I2Pak, TO-262AA  Supplier Device Package TO-262AA	Manufacturer Part Number	VI20150CHM3/4W
Diodes - Rectifiers - ArraysPackageTO-262-3 Long Leads, 12Pak, TO-262AASeriesAutomotive, AEC-Q101, TMBS?Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)150VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If1.2V @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr150μA @ 150VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, 12Pak, TO-262AASupplier Device PackageTO-262AA	Manufacturer	Vishay Semiconductor Diodes Division
Package TO-262-3 Long Leads, I2Pak, TO-262AA Series Automotive, AEC-Q101, TMBS? Diode Configuration 1 Pair Common Cathode Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 150V Current - Average Rectified (Io) (per Diode) 10A Voltage - Forward (Vf) (Max) @ If 1.2V @ 10A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Operating Temperature - Junction -55°C ~ 150°C Mounting Type Through Hole Package / Case TO-262-3 Long Leads, I2Pak, TO-262AA Supplier Device Package TO-262AA	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101, TMBS?Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)150VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If1.2V @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr150μA @ 150VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, 12Pak, TO-262AASupplier Device PackageTO-262AA		Diodes - Rectifiers - Arrays
Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)150VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If1.2V @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr150μA @ 150VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262AA	Package	TO-262-3 Long Leads, I2Pak, TO-262AA
Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)150VCurrent - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If1.2V @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr150μA @ 150VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262AA	Series	Automotive, AEC-Q101, TMBS?
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io) (per Diode)  10A  Voltage - Forward (Vf) (Max) @ If  1.2V @ 10A  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Operating Temperature - Junction  Mounting Type  Through Hole  Package / Case  TO-262-3 Long Leads, 12Pak, TO-262AA  Supplier Device Package	Diode Configuration	1 Pair Common Cathode
Current - Average Rectified (Io) (per Diode)10AVoltage - Forward (Vf) (Max) @ If1.2V @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr150μA @ 150VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262AA	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Operating Temperature - Junction  Mounting Type  Package / Case  TO-262-3 Long Leads, I2Pak, TO-262AA  Supplier Device Package	Voltage - DC Reverse (Vr) (Max)	150V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr150μA @ 150VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262AA	Current - Average Rectified (Io) (per Diode)	10A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr150μA @ 150VOperating Temperature - Junction-55°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-262-3 Long Leads, I2Pak, TO-262AASupplier Device PackageTO-262AA	Voltage - Forward (Vf) (Max) @ If	1.2V @ 10A
Current - Reverse Leakage @ Vr $150\mu A @ 150V$ Operating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$ Mounting Type $Through Hole$ Package / Case $TO-262-3 Long Leads, I2Pak, TO-262AA$ Supplier Device Package	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction  -55°C ~ 150°C  Mounting Type  Through Hole  Package / Case  TO-262-3 Long Leads, I2Pak, TO-262AA  Supplier Device Package  TO-262AA	Reverse Recovery Time (trr)	-
Mounting Type Through Hole Package / Case TO-262-3 Long Leads, I2Pak, TO-262AA Supplier Device Package TO-262AA	Current - Reverse Leakage @ Vr	150μA @ 150V
Package / Case TO-262-3 Long Leads, I2Pak, TO-262AA Supplier Device Package TO-262AA	Operating Temperature - Junction	-55°C ~ 150°C
Supplier Device Package TO-262AA	Mounting Type	Through Hole
	Package / Case	TO-262-3 Long Leads, I2Pak, TO-262AA
Report errors?	Supplier Device Package	TO-262AA
Report errors.		Report errors?

### VI20150CHM3/4W 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.

# VI20150CHM3/4W Payment Methods



















### VI20150CHM3/4W Shipping Methods













If you have any question about VI20150CHM3/4W, please do not hesitate to contact us!

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