

# BYVF32-100-E3/45

### BYVF32-100-E3/45 Information

www.heisenen.com	 BYVF32-100-E3/45 Vishay Semiconductor Diodes Division Discrete Semiconductor Products Diodes - Rectifiers - Arrays DIODE ARRAY GP 100V 18A ITO220AB TO-220-3 Full Pack, Isolated Tab For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdent@heisener.com	Request a Quote

E-mail: salesdept@heisener.com

## **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.



## BYVF32-100-E3/45 Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysPackageTO-220-3 Full Pack, Isolated TabSeries-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)18AVoltage - Forward (Vf) (Max) @ If1.15V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr10µA @ 100VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220.3 Full Pack, Isolated TabSupplier Device PackageTO-220.4B		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysPackageTO-220-3 Full Pack, Isolated TabSeries-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)18AVoltage - Forward (Vf) (Max) @ If1.15V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr10µA @ 100VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220AB Full Pack, Isolated TabSupplier Device PackageITO-220AB	Manufacturer Part Number	BYVF32-100-E3/45
Diodes - Rectifiers - ArraysPackageTO-220-3 Full Pack, Isolated TabSeries-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)18AVoltage - Forward (Vf) (Max) @ If1.15V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr10µA @ 100VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220.3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Manufacturer	Vishay Semiconductor Diodes Division
PackageTO-220-3 Full Pack, Isolated TabSeries-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)18AVoltage - Forward (Vf) (Max) @ If1.15V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr10µA @ 100VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Category	Discrete Semiconductor Products
Series-Series-Diode Configuration1 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)18AVoltage - Forward (Vf) (Max) @ If1.15V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr10µA @ 100VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220AF Jul Pack, Isolated TabSupplier Device PackageITO-220AB		Diodes - Rectifiers - Arrays
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Diode TypeStandardDiode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)18AVoltage - Forward (Vf) (Max) @ If1.15V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)SpeedSovery =< 500ns, > 200mA (Io)Current - Reverse Leakage @ Vr10µA @ 100VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220.3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Series	-
Voltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)18AVoltage - Forward (Vf) (Max) @ If1.15V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr10µA @ 100VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Diode Configuration	1 Pair Common Cathode
Current - Average Rectified (Io) (per Diode)18AVoltage - Forward (Vf) (Max) @ If1.15V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr10µA @ 100VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If1.15V @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr10µA @ 100VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Voltage - DC Reverse (Vr) (Max)	100V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr10μA @ 100VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Current - Average Rectified (Io) (per Diode)	18A
Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr10μA @ 100VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Voltage - Forward (Vf) (Max) @ If	1.15V @ 20A
Current - Reverse Leakage @ Vr10µA @ 100VOperating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction-65°C ~ 150°CMounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Reverse Recovery Time (trr)	25ns
Mounting TypeThrough HolePackage / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Current - Reverse Leakage @ Vr	10µA @ 100V
Package / CaseTO-220-3 Full Pack, Isolated TabSupplier Device PackageITO-220AB	Operating Temperature - Junction	-65°C ~ 150°C
Supplier Device Package ITO-220AB	Mounting Type	Through Hole
	Package / Case	TO-220-3 Full Pack, Isolated Tab
Report errors?	Supplier Device Package	ITO-220AB
		Report errors?

#### BYVF32-100-E3/45 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.

#### BYVF32-100-E3/45 Payment Methods



### BYVF32-100-E3/45 Shipping Methods



If you have any question about BYVF32-100-E3/45, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com