

SL42HE3_A/I

quest a Quote

SL42HE3_A/I Information

w missisener.com	Part Number	SL42HE3_A/I	
	Manufacturer	Vishay Semiconductor Diodes Division	- F
	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	Ì
	Description	DIODE SCHOTTKY 20V 4A DO214AB	Ē
	Package	DO-214AB, SMC	
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	1

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.



SL42HE3_A/I Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AB, SMCSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)4AVoltage - Forward (Vf) (Max) @ If420mV @ 4ASpeedFast Recovery =< 500ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mouning TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 125°C		
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PackageDO-214AB, SMCSeriesAutomotive, AEC-Q101Diode TypeSchotkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)4AVoltage - Forward (Vf) (Max) @ If420mV @ 4ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 125°C	Category	Discrete Semiconductor Products
Series Automotive, AEC-Q101 Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 20V Current - Average Rectified (Io) 4A Voltage - Forward (Vf) (Max) @ If 420mV @ 4A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 500μA @ 20V Current - Reverse Leakage @ Vr SoupLa @ 20V Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package DO-214AB, SMC Operating Temperature - Junction -55°C ~ 125°C		Diodes - Rectifiers - Single
Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 20V Current - Average Rectified (Io) 4A Voltage - Forward (Vf) (Max) @ If 420mV @ 4A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 500μA @ 20V Capacitance @ Vr, F - Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package DO-214AB, (SMC)	Package	DO-214AB, SMC
Voltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)4AVoltage - Forward (Vf) (Max) @ If420mV @ 4ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 125°C	Series	Automotive, AEC-Q101
Current - Average Rectified (Io)4AVoltage - Forward (Vf) (Max) @ If420mV @ 4ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 125°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If $420mV @ 4A$ SpeedFast Recovery =< $500ns$, > $200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $500\muA @ 20V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 125°C	Voltage - DC Reverse (Vr) (Max)	20V
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Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 125°C	Voltage - Forward (Vf) (Max) @ If	420mV @ 4A
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Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 125°C	Reverse Recovery Time (trr)	-
Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 125°C	Current - Reverse Leakage @ Vr	500µA @ 20V
Package / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 125°C	Capacitance @ Vr, F	-
Supplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 125°C	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 125°C	Package / Case	DO-214AB, SMC
	Supplier Device Package	DO-214AB, (SMC)
Report errors?	Operating Temperature - Junction	-55°C ~ 125°C
		Report errors?

SL42HE3_A/I 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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

SL42HE3_A/I Payment Methods



SL42HE3_A/I Shipping Methods



If you have any question about SL42HE3_A/I, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com