

V1PL45HM3/H Information


For Reference Only

Part Number [V1PL45HM3/H](#)
Manufacturer Vishay Semiconductor Diodes Division
Category Discrete Semiconductor Products
 [Diodes - Rectifiers - Single](#)
Description DIODE SCHOTTKY 45V 1A MICROSMF
Package DO-220AA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


V1PL45HM3/H Specifications

Manufacturer Part Number	V1PL45HM3/H
Manufacturer	Vishay Semiconductor Diodes Division
Category	Discrete Semiconductor Products
	Diodes - Rectifiers - Single
Package	DO-220AA
Series	Automotive, AEC-Q101, eSMP?
Diode Type	Schottky
Voltage - DC Reverse (Vr) (Max)	45V
Current - Average Rectified (Io)	1A
Voltage - Forward (Vf) (Max) @ If	530mV @ 1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse Leakage @ Vr	250µA @ 45V
Capacitance @ Vr, F	200pF @ 4V, 1MHz
Mounting Type	Surface Mount
Package / Case	DO-220AA
Supplier Device Package	MicroSMF
Operating Temperature - Junction	-40°C ~ 150°C

[Report errors?](#)

V1PL45HM3/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.

V1PL45HM3/H Payment Methods



V1PL45HM3/H Shipping Methods



If you have any question about V1PL45HM3/H, please do not hesitate to contact us!

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