

Image may be representation.
See specifications for product details.



US1MHE3_A/H

Manufacturer Part Number	US1MHE3_A/H
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-US1MHE3_A/H
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE GEN PURP 1KV 1A DO214AC
Package	DO-214AC, SMA
Data sheet	US1MHE3_A/H.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

US1MHE3_A/H - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology US1MHE3_A/H datasheet/specifications on AllelcoElec.com.
Request a quote for US1MHE3_A/H, please send us email: info@allelco.com

Specifications

US1MHE3_A/H Tech Specifications

US1MHE3_A/H - Vishay General Semiconductor - Diodes Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay General Semiconductor – Diodes Division	Package / Case	DO-214AC, SMA
Voltage - Forward (Vf) (Max) @ If	1.7 V @ 1 A	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	1000 V	Operating Temperature - Junction	-55°C ~ 150°C
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	DO-214AC (SMA)	Current - Reverse Leakage @ Vr	10 µA @ 1000 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	1A
Series	Automotive, AEC-Q101	Capacitance @ Vr, F	10pF @ 4V, 1MHz
Reverse Recovery Time (trr)	75 ns	Base Product Number	US1

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division US1MHE3_A/H

Product Attribute				
Part Number	US1MHE3_A/H	US1MFA	US1ME-TP	US1M-TP-HF
Manufacturer	Vishay General Semiconductor - Diodes Division	onsemi	Micro Commercial Co	Micro Commercial Co
Supplier Device Package	DO-214AC (SMA)	SOD-123FA	SMAE	DO-214AC (SMA)
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Voltage - Forward (Vf) (Max) @ If	1.7 V @ 1 A	1.7 V @ 1 A	1.7 V @ 1 A	1.7 V @ 1 A
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	-65°C ~ 175°C	-65°C ~ 175°C
Technology	Standard	Standard	Standard	Standard
Voltage - DC Reverse (Vr) (Max)	1000 V	1000 V	1000 V	1000 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	US1	US1M	US1M	US1M
Package / Case	DO-214AC, SMA	SOD-123W	DO-214AC, SMA	DO-214AC, SMA
Current - Average Rectified (Io)	1A	1A	1A	1A
Reverse Recovery Time (trr)	75 ns	75 ns	75 ns	75 ns
Current - Reverse Leakage @ Vr	10 µA @ 1000 V	5 µA @ 1000 V	10 µA @ 1000 V	10 µA @ 1000 V
Series	Automotive, AEC-Q101	-	-	-
Capacitance @ Vr, F	10pF @ 4V, 1MHz	15pF @ 4V, 1MHz	17pF @ 4V, 1MHz	10pF @ 4V, 1MHz
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk

US1MHE3_A/H Datasheet PDF

Download US1MHE3_A/H pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for US1MHE3_A/H - Vishay General Semiconductor - Diodes Division.

Other Related Documents

Packaging Information.pdf

PCN Assembly/Origin







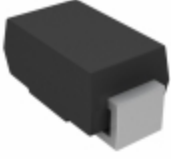










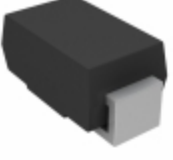
Assembly Site 26/Aug/2021.pdf

PCN Obsolescence/ EOL

DD-026-2012-Rev-0 28/Nov/2012.pdf

Customers Also Interested in

Recommended Products

					
US1MFA onsemi DIODE GEN PURP 1KV 1A SOD123FA	US1ME-TP Micro Commercial Co DIODE GEN PURP 1KV 1A SMAE	US1MWG PANJIT	US1MS-G Sensirion	US1M-TP-HF Micro Commercial Co Interface	US1M/UF4007 TAEC Product (Toshiba Electronic Devices and Stora
					
US1MHE3/61T Vishay General Semiconductor - Diodes Division DIODE GEN PURP 1KV 1A DO214AC	US1MHE3 A/H Electro-Films (EFI) / Vishay	US1MF_R1 PANJIT	US1M-TP Micro Commercial Co DIODE GEN PURP 1KV 1A DO214AC	US1MHE3-A/H Electro-Films (EFI) / Vishay	US1MDFQ-13 Diodes Incorporated DIODE GEN PURP 1KV 1A DFLAT
					
US1M_R1_00001 Panjit International Inc. DIODE GEN PURP 1KV 1A SMA	US1M_R1_00101 PANJIT	US1MAU JIEJIE	US1M_R1 PANJIT	US1M_R2 PANJIT	US1MHE3_A/I Vishay General Semiconductor - Diodes Division DIODE GEN PURP 1KV 1A DO214AC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

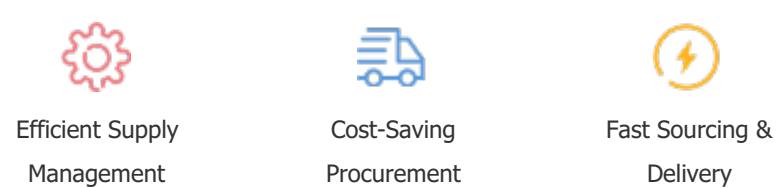
Contact us if you have any questions.

Payment Support

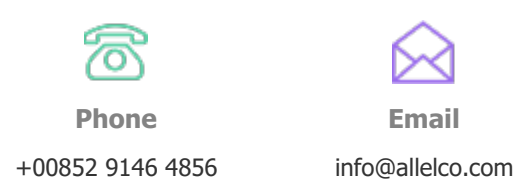
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)