



Image may be representation.  
See specifications for product details.



## ESDCAN02-2BWY

Manufacturer Part Number	<b>ESDCAN02-2BWY</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-ESDCAN02-2BWY
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 26.5VWM 44VC SOT323-3
Package	SC-70, SOT-323
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ESDCAN02-2BWY - STMicroelectronics. New Original in Stock. Download Linear Technology ESDCAN02-2BWY datasheet/specifications on AllelcoElec.com.  
Request a quote for ESDCAN02-2BWY, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

ESDCAN02-2BWY Tech Specifications

ESDCAN02-2BWY - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	SC-70, SOT-323
Voltage - Reverse Standoff (Typ)	26.5V (Max)	Package	Tape & Reel (TR)
Voltage - Clamping (Max) @ Ipp	44V	Operating Temperature	-55°C ~ 175°C (TJ)
Voltage - Breakdown (Min)	28.5V	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	3A (8/20µs)
Supplier Device Package	SOT-323-3	Capacitance @ Frequency	3pF @ 1MHz
Series	Automotive, AEC-Q101	Bidirectional Channels	2
Power Line Protection	No	Base Product Number	ESDCAN02
Power - Peak Pulse	250W	Applications	Automotive, CAN

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ESDCAN02-2BWY

Product Attribute				
Part Number	ESDCAN02-2BWY	ESDCAN06-2BWY	ESDCAN05-2BWY	ESDCAN06-2BLY
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Capacitance @ Frequency	3pF @ 1MHz	-	-	13pF @ 1MHz
Applications	Automotive, CAN	Automotive, CAN	Automotive, CAN	Automotive, CAN
Power - Peak Pulse	250W	170W	170W	230W
Supplier Device Package	SOT-323-3	SOT-323-3	SOT-323-3	SOT-23-3
Current - Peak Pulse (10/1000µs)	3A (8/20µs)	3A (8/20µs)	3A (8/20µs)	3A (8/20µs)
Voltage - Clamping (Max) @ Ipp	44V	59V	61V	59V
Base Product Number	ESDCAN02	ESDCAN06	ESDCAN05	ESDCAN06
Power Line Protection	No	No	No	No
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101
Bidirectional Channels	2	2	2	2
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-40°C ~ 150°C (TJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	SC-70, SOT-323	SC-70, SOT-323	SC-70, SOT-323	TO-236-3, SC-59, SOT-23-3
Voltage - Reverse Standoff (Typ)	26.5V (Max)	35V	36V	35V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Type	Zener	Zener	Zener	Zener
Voltage - Breakdown (Min)	28.5V	38V	39V	38V

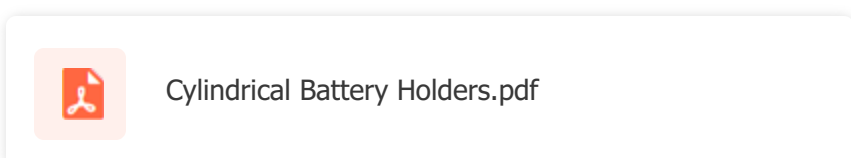
## ESDCAN02-2BWY Datasheet PDF

Download ESDCAN02-2BWY pdf datasheets and STMicroelectronics documentation for ESDCAN02-2BWY - STMicroelectronics.

### PCN Assembly/Origin



### HTML Datasheet



## Customers Also Interested in

### Recommended Products



ESDBVD5V0F1 HF

CJ



ESDC-17-3-75TR

Aeroflex (MACOM Technology Solutions)



ESDCAN06-2BWY

STMicroelectronics  
TVS DIODE 35VWM 59VC SOT323-3



ESDCAN05-2BWY

STMicroelectronics  
TVS DIODE 36VWM 61VC SOT323-3



ESDCAN06-2BLY

STMicroelectronics  
TVS DIODE 35VWM 59VC SOT323-3



ESDCAN03-2BWY

STMicroelectronics  
TVS DIODE 24VWM 41VC SOT323-3



ESDCAN04-2BWY

STMicroelectronics  
TVS DIODE 25.5VWM 43VC SOT323-3



ESDBVD5V0D5

CJ



ESDBVL5V0AE1

CJ



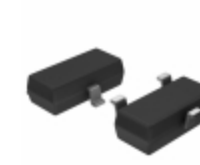
ESDBVD5V0F1

CJ



ESDBVD5V0AE1

CJ



ESDCAN01-2BLY

STMicroelectronics  
TVS DIODE 24VWM 40VC SOT323-3



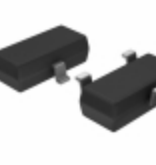
ESDCAN24-2BLY

STMicroelectronics  
TVS DIODE 24VWM 40VC SOT323-3



ESDBV5V0D3

CJ



ESDCAN04-2BLY

STMicroelectronics  
TVS DIODE 25.5VWM 43VC SOT323-3



ESDBW4V5A1

CJ



ESDBVD5V0Y1

CJ



ESDCAN24-2BL

STMicroelectronics

## 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 Alleco 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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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+00852 9146 4856



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info@alleco.com

## Certifications & Memberships



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