



Image may be representation.  
See specifications for product details.



## ESDCAN05-2BWY

Manufacturer Part Number	<a href="#">ESDCAN05-2BWY</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Allelco Part Number	32D-ESDCAN05-2BWY
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 36VWM 61VC SOT323-3
Package	SC-70, SOT-323
Data sheet	<a href="#">ESDCAN0x-2BWY.pdf</a>
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

ESDCAN05-2BWY - STMicroelectronics. New Original in Stock. Download Linear Technology ESDCAN05-2BWY datasheet/specifications on AllelcoElec.com.  
Request a quote for ESDCAN05-2BWY, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ESDCAN05-2BWY Tech Specifications  
ESDCAN05-2BWY - 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)	36V	Package	Tape & Reel (TR)
Voltage - Clamping (Max) @ Ipp	61V	Operating Temperature	-55°C ~ 175°C (TJ)
Voltage - Breakdown (Min)	39V	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	3A (8/20µs)
Supplier Device Package	SOT-323-3	Capacitance @ Frequency	-
Series	Automotive, AEC-Q101	Bidirectional Channels	2
Power Line Protection	No	Base Product Number	ESDCAN05
Power - Peak Pulse	170W	Applications	Automotive, CAN

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ESDCAN05-2BWY

Product Attribute				
Part Number	<a href="#">ESDCAN05-2BWY</a>	<a href="#">ESDCAN02-2BWY</a>	<a href="#">ESDCAN04-2BWY</a>	<a href="#">ESDCAN04-2BLY</a>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Capacitance @ Frequency	-	3pF @ 1MHz	-	17pF @ 1MHz
Type	Zener	Zener	Zener	Zener
Voltage - Breakdown (Min)	39V	28.5V	27.5V	27.5V
Base Product Number	ESDCAN05	ESDCAN02	ESDCAN04	ESDCAN04
Voltage - Clamping (Max) @ Ipp	61V	44V	43V	43V
Current - Peak Pulse (10/1000µs)	3A (8/20µs)	3A (8/20µs)	3.7A (8/20µs)	3.7A (8/20µs)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-40°C ~ 150°C (TJ)
Bidirectional Channels	2	2	2	2
Power Line Protection	No	No	No	No
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Applications	Automotive, CAN	Automotive, CAN	Automotive, CAN	Automotive, CAN
Voltage - Reverse Standoff (Typ)	36V	26.5V (Max)	25.5V	25.5V
Power - Peak Pulse	170W	250W	170W	230W
Supplier Device Package	SOT-323-3	SOT-323-3	SOT-323-3	SOT-23-3
Package / Case	SC-70, SOT-323	SC-70, SOT-323	SC-70, SOT-323	TO-236-3, SC-59, SOT-23-3
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101

### ESDCAN05-2BWY Datasheet PDF

Download ESDCAN05-2BWY pdf datasheets and STMicroelectronics documentation for ESDCAN05-2BWY - STMicroelectronics.

#### PCN Assembly/Origin











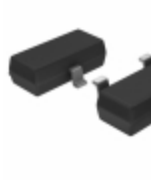







[Mult Devices Testing 10/May/2018.pdf](#)

#### HTML Datasheet

[ESDCAN0x-2BWY.pdf](#)

### Customers Also Interested in

#### Recommended Products

					
<b>ESDCAN02-2BWY</b> STMicroelectronics TVS DIODE 26.5VWM 44VC SOT323-3	<b>ESDCAN04-2BWY</b> STMicroelectronics TVS DIODE 25.5VWM 43VC SOT323-3	<b>ESDCSA0603V05</b> SEMITELE	<b>ESDCAN04-2BLY</b> STMicroelectronics TVS DIODE 25.5VWM 43VC SOT23-3	<b>ESDC-17-3-75TR</b> Aeroflex (MACOM Technology Solutions)	<b>ESDBVD5V0Y1</b> CJ
					
<b>ESDBVL5V0AE1</b> CJ	<b>ESDCAN06-2BWY</b> STMicroelectronics TVS DIODE 35VWM 59VC SOT323-3	<b>ESDCAN03-2BWY</b> STMicroelectronics TVS DIODE 24VWM 41VC SOT323-3	<b>ESDBW4V5A1</b> CJ	<b>ESDCAN01-2BLY</b> STMicroelectronics TVS DIODE 24VWM 40VC SOT23-3	<b>ESDH12VP1</b> JCET
					
<b>ESDCAN24-2BLY</b> STMicroelectronics TVS DIODE 24VWM 40VC SOT23-3	<b>ESDCSA0402V05</b> SEMITELE	<b>ESDCAN24-2BL</b> STMicroelectronics	<b>ESDBVD5V0F1 HF</b> CJ	<b>ESDCSA0603V12</b> SEMITELE	<b>ESDCAN06-2BLY</b> STMicroelectronics TVS DIODE 35VWM 59VC SOT23-3

## 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.

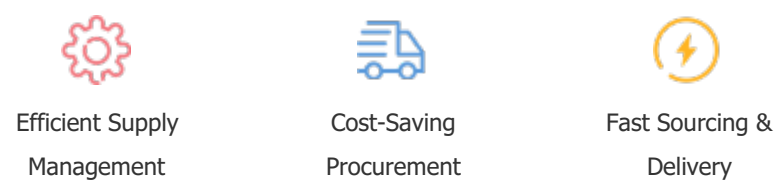
Contact us if you have any questions.

## Payment Support

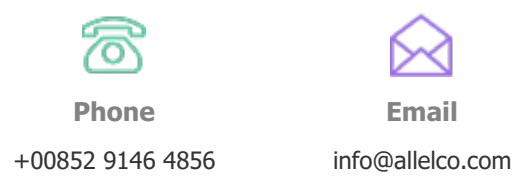
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



[View More](#)