



Image may be representation.  
See specifications for product details.



## ESDALC6V1P5

Manufacturer Part Number	<b>ESDALC6V1P5</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-ESDALC6V1P5
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 3VWM SOT665
Package	SOT-665
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

ESDALC6V1P5 - STMicroelectronics. New Original in Stock. Download Linear Technology ESDALC6V1P5 datasheet/specifications on AllelcoElec.com.  
Request a quote for ESDALC6V1P5, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ESDALC6V1P5 Tech Specifications

ESDALC6V1P5 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Power - Peak Pulse	30W
Voltage - Reverse Standoff (Typ)	3V	Package / Case	SOT-665
Voltage - Clamping (Max) @ Ipp	-	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	6.1V	Operating Temperature	-40°C ~ 150°C (TJ)
Unidirectional Channels	4	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	-
Supplier Device Package	SOT-665	Capacitance @ Frequency	-
Series	ESDA, TRANSIL™	Base Product Number	ESDALC6
Power Line Protection	No	Applications	General Purpose

### Parts with Similar Specifications

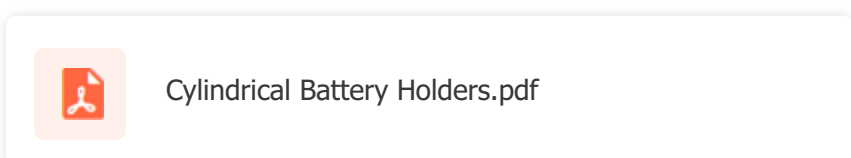
The three parts on the right have similar specifications to STMicroelectronics ESDALC6V1P5

Product Attribute				
Part Number	ESDALC6V1P5	ESDALC6V1-5T6	ESDALC6V1W5	ESDALC8-1BF4
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Power Line Protection	No	No	No	No
Supplier Device Package	SOT-665	6-Micro DFN (1x1)	SOT-323-5	0201
Voltage - Reverse Standoff (Typ)	3V	3V	3V	6V
Capacitance @ Frequency	-	-	-	30pF @ 1MHz
Voltage - Clamping (Max) @ Ipp	-	-	-	16V (Typ)
Current - Peak Pulse (10/1000µs)	-	-	-	8.6A (8/20µs)
Series	ESDA, TRANSIL™	ESDA, TRANSIL™	ESDA, TRANSIL™	ESDA
Type	Zener	Zener	Zener	Zener
Power - Peak Pulse	30W	25W	25W	165W
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	SOT-665	6-XDFN	5-TSSOP, SC-70-5, SOT-353	0201 (0603 Metric)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Operating Temperature	-40°C ~ 150°C (TJ)	-	-40°C ~ 150°C (TJ)	-40°C ~ 125°C (TJ)
Base Product Number	ESDALC6	ESDALC6V1	ESDALC6	ESDALC8
Unidirectional Channels	4	5	4	-
Voltage - Breakdown (Min)	6.1V	6.1V	6.1V	7V

### ESDALC6V1P5 Datasheet PDF

Download ESDALC6V1P5 pdf datasheets and STMicroelectronics documentation for ESDALC6V1P5 - STMicroelectronics.

### HTML Datasheet



### Customers Also Interested in

#### Recommended Products

<b>ESDALC6V1-5T6</b>	<b>ESDALC6V1W5</b>	<b>ESDALC6V1-2U</b>	<b>ESDALC6V1M5</b>	<b>ESDALC8-1BF4</b>	<b>ESDALC6V1M3/C</b>
STMicroelectronics TVS DIODE 3VWM 6MICRO DFN	STMicroelectronics TVS DIODE 3VWM SOT323-5	TINYSEMI	ST/PL	STMicroelectronics TVS DIODE 6VWM 16VC 0201	STMicroelectronics



### ESDALC6V1M6

STMicroelectronics  
TVS DIODE 3VWM 6UQFN



### ESDALC7-1BF4

STMicroelectronics  
TVS DIODE 0201



### ESDALC6V1M3

STMicroelectronics  
TVS DIODE 5VWM SOT883



### ESDALC6V1P3

STMicroelectronics  
TVS DIODE 3VWM SOT663



### ESDALC6V1-5P6

STMicroelectronics  
TVS DIODE 5VWM 14VC SOT666



### ESDALC6V1-2B



### ESDALC6V1M6

STMicroelectronics  
TVS DIODE 3VWM 17VC SOT23-6



### ESDALC6V1P6IP

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### ESDALC6V1PS

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### ESDALC6V1P6

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TVS DIODE 3VWM SOT666IP



### ESDALC6V1-5M6

STMicroelectronics  
TVS DIODE 3VWM 6UQFN



### ESDALC7-3BE3

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 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 -

 Efficient Supply Management  
 Cost-Saving Procurement  
 Fast Sourcing & Delivery

Contact us if you have any questions.

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## Certifications & Memberships



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