



Image may be representation.
See specifications for product details.



ESDALC6V1-1M2

Manufacturer Part Number	ESDALC6V1-1M2
Manufacturer	STMicroelectronics
Allelco Part Number	32D-ESDALC6V1-1M2
ECAD Model	PCB Footprint and Symbol
Parts Description	TVS DIODE 3VWM SOD882
Package	SOD-882
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ESDALC6V1-1M2 - STMicroelectronics.New Original in Stock. Download Linear Technology ESDALC6V1-1M2 datasheet/specifications on AllelcoElec.com.
Request a quote for ESDALC6V1-1M2, please send us email: info@allelco.com

Specifications

ESDALC6V1-1M2 Tech Specifications

ESDALC6V1-1M2 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Power - Peak Pulse	50W
Voltage - Reverse Standoff (Typ)	3V	Package / Case	SOD-882
Voltage - Clamping (Max) @ Ipp	-	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	6.1V	Operating Temperature	-40°C ~ 125°C (TJ)
Unidirectional Channels	1	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	-
Supplier Device Package	SOD-882	Capacitance @ Frequency	-
Series	ESDA, TRANSIL™	Base Product Number	ESDALC6
Power Line Protection	No	Applications	General Purpose

Parts with Similar Specifications

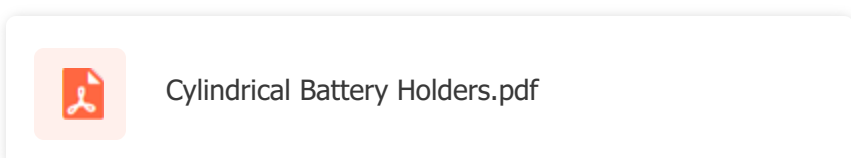
The three parts on the right have similar specifications to STMicroelectronics ESDALC6V1-1M2

Product Attribute				
Part Number	ESDALC6V1-1M2	ESDALC6V1-5P6	ESDALC6V1-1BM2	ESDALC5-1BT2Y
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	SOD-882	SOT-563, SOT-666	SOD-882	SOD-882
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power - Peak Pulse	50W	30W	140W	150W
Applications	General Purpose	General Purpose	General Purpose	Automotive
Series	ESDA, TRANSIL™	ESDA, TRANSIL™	ESDA, TRANSIL™	Automotive, AEC-Q101, ESDAY, TRANSIL™
Base Product Number	ESDALC6	ESDALC6	ESDALC6V1	ESDALC5
Current - Peak Pulse (10/1000µs)	-	2.5A (8/20µs)	-	9A (8/20µs)
Voltage - Reverse Standoff (Typ)	3V	5V (Max)	3V	5V
Supplier Device Package	SOD-882	SOT-666	SOD-882	SOD-882T
Voltage - Clamping (Max) @ Ipp	-	14V	-	17.5V
Capacitance @ Frequency	-	12pF @ 1MHz	-	26pF @ 1MHz
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Power Line Protection	No	No	No	No
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-50°C ~ 125°C (TJ)
Voltage - Breakdown (Min)	6.1V	6.1V	6.1V	5.8V
Unidirectional Channels	1	5	-	-
Type	Zener	Zener	Zener	Zener

ESDALC6V1-1M2 Datasheet PDF

Download ESDALC6V1-1M2 pdf datasheets and STMicroelectronics documentation for ESDALC6V1-1M2 - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products



ESDALC5-1BT2/S
STMicroelectronics

ESDALC6V1-5P6
STMicroelectronics
TVS DIODE 5VWM 14VC SOT666

ESDALC6V1-1BM2
STMicroelectronics
TVS DIODE 3VWM SOD882

ESDALC6V1-2B

ESDALC5-1BT2Y
STMicroelectronics
TVS DIODE 5VWM 17.5VC SOD882T

ESDALC6V1-1BU2
STMicroelectronics
TVS DIODE 3VWM ST0201



ESDALC6V1-1BM
STMicroelectronics



ESDALC6V1-1BT2
STMicroelectronics
TVS DIODE 3VWM SOD882



ESDALC5-1BF4
STMicroelectronics
TVS DIODE 5VWM 0201



ESDALC6V1M3
STMicroelectronics
TVS DIODE 5VWM SOT883



ESDALC5-1BM2
STMicroelectronics
TVS DIODE 5VWM SOD882



ESDALC6V1-1U2
STMicroelectronics
TVS DIODE 3VWM ST0201



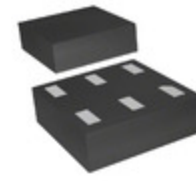
ESDALC20-1BF4
STMicroelectronics
TVS DIODE 20VWM 37VC 0201



ESDALC6V1-1M2S
STMicroelectronics



ESDALC6V1-1U
STMicroelectronics



ESDALC6V1-5T6
STMicroelectronics
TVS DIODE 3VWM 6MICRO DFN



ESDALC6V1-5M6
STMicroelectronics
TVS DIODE 3VWM 6UQFN



ESDALC5-1BT2
STMicroelectronics
TVS DIODE 5VWM SOD882T

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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