

Image may be representation.
See specifications for product details.



P6KE300ARL

Manufacturer Part Number	P6KE300ARL
Manufacturer	STMicroelectronics
Allelco Part Number	32D-P6KE300ARL
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 256VWM 529VC DO15
Package	DO-204AC, DO-15, Axial
Data sheet	P6KE.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

P6KE300ARL - STMicroelectronics. New Original in Stock. Download Linear Technology P6KE300ARL datasheet/specifications on AllelcoElec.com.
Request a quote for P6KE300ARL, please send us email: info@allelco.com

Specifications

P6KE300ARL Tech Specifications

P6KE300ARL - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Power - Peak Pulse	600W
Voltage - Reverse Standoff (Typ)	256V	Package / Case	DO-204AC, DO-15, Axial
Voltage - Clamping (Max) @ Ipp	529V	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	285V	Operating Temperature	-
Unidirectional Channels	1	Mounting Type	Through Hole
Type	Zener	Current - Peak Pulse (10/1000µs)	7.6A (8/20µs)
Supplier Device Package	DO-15 (DO-204AC)	Capacitance @ Frequency	290pF @ 1MHz
Series	P6KE, TRANSIL™	Base Product Number	P6KE300
Power Line Protection	No	Applications	General Purpose

Parts with Similar Specifications

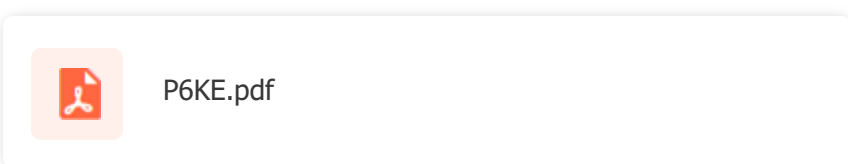
The three parts on the right have similar specifications to STMicroelectronics P6KE300ARL

Product Attribute				
Part Number	P6KE300ARL	P6KE300A	P6KE300CA	P6KE300CA
Manufacturer	STMicroelectronics	Diotec Semiconductor	Littelfuse Inc.	Diotec Semiconductor
Voltage - Reverse Standoff (Typ)	256V	256V	256V	256V
Current - Peak Pulse (10/1000µs)	7.6A (8/20µs)	1.5A	1.5A	1.5A
Package / Case	DO-204AC, DO-15, Axial	DO-204AC, DO-15, Axial	DO-204AC, DO-15, Axial	DO-204AC, DO-15, Axial
Type	Zener	Zener	Zener	Zener
Capacitance @ Frequency	290pF @ 1MHz	-	-	-
Supplier Device Package	DO-15 (DO-204AC)	DO-15 (DO-204AC)	DO-204AC (DO-15)	DO-15 (DO-204AC)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Strip
Voltage - Clamping (Max) @ Ipp	529V	414V	414V	414V
Operating Temperature	-	-50°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-50°C ~ 175°C (TJ)
Voltage - Breakdown (Min)	285V	285V	285V	285V
Series	P6KE, TRANSIL™	-	P6KE	-
Unidirectional Channels	1	1	-	-
Base Product Number	P6KE300	-	-	-
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Power Line Protection	No	No	No	No
Power - Peak Pulse	600W	600W	600W	600W

P6KE300ARL Datasheet PDF

Download P6KE300ARL pdf datasheets and STMicroelectronics documentation for P6KE300ARL - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products



P6KE300A

Diotec Semiconductor
TVS DO-15 256V 600W UNI



P6KE300CA

Littelfuse Inc.
TVS DIODE 256VWM 414VC DO204AC



P6KE300CA

Diotec Semiconductor
TVS DIODE, DO-15, 285.00V .. 315



P6KE300A

STMicroelectronics
TVS DIODE 256VWM 529VC DO15



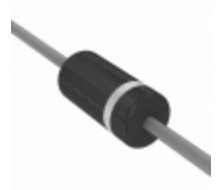
P6KE300CA-T

Diodes Incorporated
TVS DIODE 256VWM 414VC DO15



P6KE30A

Taiwan Semiconductor Corporation
TVS DIODE 25.6VWM 41.4VC DO15



P6KE300CA-E3/73

Vishay General Semiconductor - Diodes Division
TVS DIODE 256VWM 414VC DO204AC



P6KE30A

Littelfuse Inc.
TVS DIODE 25.6VWM 41.4VC DO204AC



P6KE300A-E3/73

Vishay General Semiconductor - Diodes Division
TVS DIODE 256VWM 414VC DO204AC



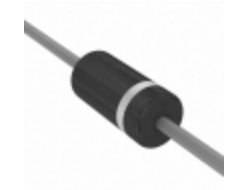
P6KE30

Diotec Semiconductor
TVS DO-15 24.3V 600W UNI



P6KE300A

Taiwan Semiconductor Corporation
TVS DIODE 256VWM 414VC DO15



P6KE300A

SMC Diode Solutions
TVS DIODE 256VWM 414VC DO15



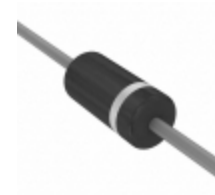
P6KE300A

Yangzhou Yangjie Electronic Technology Co.,Ltd
TVS DIODE 256VWM 414VC DO15



P6KE300A

Littelfuse Inc.
TVS DIODE 256VWM 414VC DO204AC



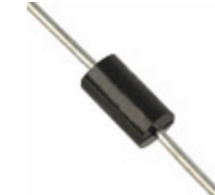
P6KE300CA

SMC Diode Solutions
TVS DIODE 256VWM 414VC DO15



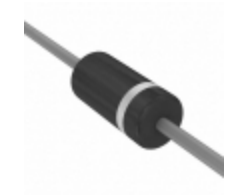
P6KE30A

Diotec Semiconductor
TVS DO-15 25.6V 600W UNI



P6KE300CA

Taiwan Semiconductor Corporation
TVS DIODE 256VWM 414VC DO15



P6KE300A-E3/54

Vishay General Semiconductor - Diodes Division
TVS DIODE 256VWM 414VC DO204AC

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.



Phone
+00852 9146 4856



Email
info@allelco.com

Certifications & Memberships



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