



Image may be representation.  
See specifications for product details.



## PESD24VF1BSFYL

Manufacturer Part Number	<a href="#">PESD24VF1BSFYL</a>
Manufacturer	<a href="#">Nexperia</a>
Allelco Part Number	32D-PESD24VF1BSFYL
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 24VWM 17VC DSN0603-2
Package	0201 (0603 Metric)
Data sheet	<a href="#">PESD24VF1BSF.pdf</a>
RoHs Status	ROHS3 Compliant

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PESD24VF1BSFYL - Nexperia USA Inc..New Original in Stock. Download Linear Technology PESD24VF1BSFYL datasheet/specifications on AllelcoElec.com.  
Request a quote for PESD24VF1BSFYL, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

PESD24VF1BSFYL Tech Specifications  
PESD24VF1BSFYL - Nexperia USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Nexperia	Package / Case	0201 (0603 Metric)
Voltage - Reverse Standoff (Typ)	24V (Max)	Package	Tape & Reel (TR)
Voltage - Clamping (Max) @ Ipp	17V	Operating Temperature	-40°C ~ 125°C (TA)
Voltage - Breakdown (Min)	24.5V	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	1A (8/20µs)
Supplier Device Package	DSN0603-2	Capacitance @ Frequency	0.25pF @ 1MHz
Series	-	Bidirectional Channels	1
Power Line Protection	No	Base Product Number	PESD24
Power - Peak Pulse	-	Applications	General Purpose

### Parts with Similar Specifications

The three parts on the right have similar specifications to Nexperia USA Inc. PESD24VF1BSFYL

Product Attribute				
Part Number	PESD24VF1BSFYL	<a href="#">PESD1LIN</a>	<a href="#">PESD1FLEX,215</a>	<a href="#">PESD24VS1UB,115</a>
Manufacturer	Nexperia USA Inc.	UMW	Nexperia USA Inc.	Nexperia USA Inc.
Current - Peak Pulse (10/1000µs)	1A (8/20µs)	3A (8/20µs)	3A (8/20µs)	3A (8/20µs)
Package / Case	0201 (0603 Metric)	SC-76, SOD-323	TO-236-3, SC-59, SOT-23-3	SC-79, SOD-523
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	PESD24	-	PESD1	PESD24
Voltage - Breakdown (Min)	24.5V	17.1V, 25.4V	25.4V	26.5V
Voltage - Clamping (Max) @ Ipp	17V	44V, 70V	70V	70V
Power Line Protection	No	No	No	No
Operating Temperature	-40°C ~ 125°C (TA)	-65°C ~ 150°C (TA)	-65°C ~ 150°C (TA)	-65°C ~ 150°C (TA)
Type	Zener	Zener	Zener	Zener
Voltage - Reverse Standoff (Typ)	24V (Max)	15V (Max), 24V (Max)	24V (Max)	24V (Max)
Bidirectional Channels	1	1	2	-
Supplier Device Package	DSN0603-2	SOD-323	TO-236AB	SOD-523
Applications	General Purpose	Automotive	General Purpose	General Purpose
Power - Peak Pulse	-	160W	200W	160W
Series	-	UMW	Automotive, AEC-Q100	Automotive, AEC-Q100
Capacitance @ Frequency	0.25pF @ 1MHz	13pF @ 1MHz	11pF @ 5MHz	23pF @ 1MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### PESD24VF1BSFYL Datasheet PDF

Download PESD24VF1BSFYL pdf datasheets and Nexperia USA Inc. documentation for PESD24VF1BSFYL - Nexperia USA Inc..

#### Datasheets

[PESD24VF1BSF.pdf](#)

#### PCN Packaging

[All Dev Label Chgs 2/Aug/2020.pdf](#)

[Logo 10/Dec/2016.pdf](#)

#### PCN Assembly/Origin



















[Mult Dev A/T Chgs 19/Mar/2021.pdf](#)

#### PCN Design/Specification



## Customers Also Interested in

### Recommended Products

					
<b>PESD1FLEX</b> Freescale / NXP Semiconductors	<b>PESD1LVDS.115(HAS)</b> Freescale / NXP Semiconductors	<b>PESD11LIN</b> UMW SOD-323 ESD PROTECTION DEVICES R	<b>PESD1FLEX,215</b> Nexperia USA Inc. TVS DIODE 24VWM 70VC TO236AB	<b>PESD24VS1UB,115</b> Nexperia USA Inc. TVS DIODE 24VWM 70VC SOD523	<b>PESD24VS1UL</b> Nexperia
					
<b>PESD11LIN,115</b> Nexperia USA Inc. TVS DIODE 15VWM 24VWM SOD323	<b>PESD24VS2UAT,215</b> Nexperia USA Inc. TVS DIODE 24VWM 70VC TO236AB	<b>PESD24VL2BT</b> Nexperia	<b>PESD1USB3SZ</b> Nexperia USA Inc. TVS DIODE 5.5VWM 5WLCSP	<b>PESD24VS1UB</b> 115 SOD-523	<b>PESD24VF1BLYL</b> NXP USA Inc. TVS DIODE 24VWM 17VC DFN1006-2
					
<b>PESD24VS2UQ</b> NXP	<b>PESD24VL1BA</b> Nexperia	<b>PESD24VS2UAT,215</b> NXP USA Inc. TVS DIODE 24VWM 70VC SOT23	<b>PESD24VF1BLYL</b> Nexperia USA Inc. TVS DIODE 24VWM 17VC DFN1006-2	<b>PESD24VF1BL</b> Nexperia USA Inc. ULTRA LOW CAPACITANCE BIDIRECTIO	<b>PESD24VS2UAT</b> Freescale / NXP Semiconductors

## 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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### Contact us

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