



Image may be representation.
See specifications for product details.



LFTVS18-1F3

Manufacturer Part Number	LFTVS18-1F3
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LFTVS18-1F3
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 12VWM 19VC 4FLIPCHIP
Package	4-UFBGA, FCBGA
Data sheet	LFTVS18-1F3.pdf
RoHs Status	ROHS3 Compliant

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LFTVS18-1F3 - STMicroelectronics.New Original in Stock. Download Linear Technology LFTVS18-1F3 datasheet/specifications on AllelcoElec.com.
Request a quote for LFTVS18-1F3, please send us email: info@allelco.com

Specifications

LFTVS18-1F3 Tech Specifications

LFTVS18-1F3 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Power - Peak Pulse	350W
Voltage - Reverse Standoff (Typ)	12V	Package / Case	4-UFBGA, FCBGA
Voltage - Clamping (Max) @ Ipp	19V	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	16V	Operating Temperature	-
Unidirectional Channels	1	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	1A (8/20µs)
Supplier Device Package	4-FlipChip (0.77x0.77)	Capacitance @ Frequency	175pF @ 1MHz
Series	LFTVS, TRANSIL™	Base Product Number	LFTVS18
Power Line Protection	No	Applications	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LFTVS18-1F3

Product Attribute				
Part Number	LFTVS18-1F3	SMCJ16A	P6KE62CA	SMF5.0A
Manufacturer	STMicroelectronics	Taiwan Semiconductor Corporation	Littelfuse Inc.	Meritek
Power Line Protection	No	No	No	-
Voltage - Reverse Standoff (Typ)	12V	16V	53V	5V
Voltage - Clamping (Max) @ Ipp	19V	26V	85V	9.2V
Base Product Number	LFTVS18	SMCJ16	-	-
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Package / Case	4-UFBGA, FCBGA	DO-214AB, SMC	DO-204AC, DO-15, Axial	SOD-123FL
Voltage - Breakdown (Min)	16V	17.8V	58.9V	6.4V
Operating Temperature	-	-	-55°C ~ 175°C (TJ)	-55°C ~ 150°C
Current - Peak Pulse (10/1000µs)	1A (8/20µs)	57.7A	7.2A	21.74A
Power - Peak Pulse	350W	1500W (1.5kW)	600W	200W
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Type	Zener	Zener	Zener	Zener
Series	LFTVS, TRANSIL™	-	P6KE	SMF
Unidirectional Channels	1	1	-	1
Supplier Device Package	4-FlipChip (0.77x0.77)	SMC (DO-214AB)	DO-204AC (DO-15)	-
Capacitance @ Frequency	175pF @ 1MHz	-	-	-

LFTVS18-1F3 Datasheet PDF

Download LFTVS18-1F3 pdf datasheets and STMicroelectronics documentation for LFTVS18-1F3 - STMicroelectronics.

PCN Packaging



















[2.73KHz.pdf](#)

HTML Datasheet

[LFTVS18-1F3.pdf](#)

Customers Also Interested in

Recommended Products

 NO PICTURE	 NO PICTURE			 NO PICTURE	
LFTC-4000+ MINI	LFTC-850+ Mini-Circuits	LFTC15N19E Murata Power Solutions	LFTC15N19E1842BCA00! Murata Power Solutions	LFTC-2000+ Mini-Circuits	LFTC15N19E0715B Murata Power Solutions
 NO PICTURE					
LFTC-3300+ Mini-Circuits	SMCJ16A Taiwan Semiconductor Corporation TVS DIODE 16VWM 26VC SMC	LFT3216L-F1R8G Murata Electronics	P6KE62CA Littelfuse Inc. TVS DIODE 53VWM 85VC DO204AC	LFTC15N19E0847B Murata Power Solutions	SMF5.0A Meritek TVS DIODE 5VWM 9.2VC
	 NO PICTURE				
LFTC15N19E1412BCA03! Murata Power Solutions	LFTC-5400+ MINI	LFTC15N19E1435BCA06! Murata Power Solutions	LFTVS10-1F3 STMicroelectronics TVS DIODE 8VWM 13VC 4FLIPCHIP	LFTC15N19E2450B Murata Power Solutions	LFTVX0009917BULK IQD Frequency Products XTAL OSC VCTCXO 20.0000MHZ HCMOS

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.

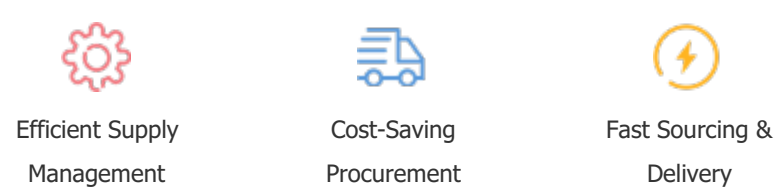
Contact us if you have any questions.

Payment Support

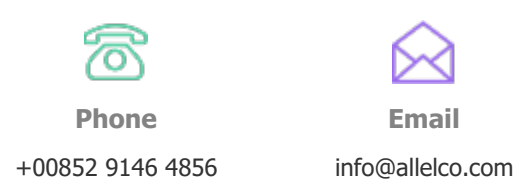
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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