

Image may be representation.
See specifications for product details.



VIPER28LN

Manufacturer Part Number	VIPER28LN
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VIPER28LN
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OFFLINE SWITCH FLYBACK 7DIP
Package	8-DIP (0.300', 7.62mm), 7 Leads
Data sheet	VIPER28.pdf
RoHs Status	ROHS3 Compliant

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VIPER28LN - STMicroelectronics.New Original in Stock. Download Linear Technology VIPER28LN datasheet/specifications on AllelcoElec.com.
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Specifications

VIPER28LN Tech Specifications

VIPER28LN - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	8.5V ~ 23.5V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Start Up	14 V	Mounting Type	Through Hole
Voltage - Breakdown	800V	Internal Switch(s)	Yes
Topology	Flyback	Frequency - Switching	60kHz
Supplier Device Package	7-DIP	Fault Protection	Current Limiting, Over Temperature, Over Voltage, Short Circuit
Series	VIPer™ plus	Duty Cycle	80%
Power (Watts)	16 W	Control Features	-
Package / Case	8-DIP (0.300', 7.62mm), 7 Leads	Base Product Number	VIPER28
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VIPER28LN

Product Attribute				
Part Number	VIPER28LN	VIPER27LN	VIPER28LDTR	VIPER35HD
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Topology	Flyback	Flyback	Flyback	Flyback
Output Isolation	Isolated	Isolated	Isolated	Isolated
Internal Switch(s)	Yes	Yes	Yes	Yes
Voltage - Supply (Vcc/Vdd)	8.5V ~ 23.5V	8.5V ~ 23.5V	8.5V ~ 23.5V	8.5V ~ 23.5V
Package / Case	8-DIP (0.300', 7.62mm), 7 Leads	8-DIP (0.300', 7.62mm), 7 Leads	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154', 3.90mm Width)
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Mounting Type	Through Hole	Through Hole	Surface Mount	Surface Mount
Duty Cycle	80%	80%	80%	-
Supplier Device Package	7-DIP	7-DIP	16-SO	16-SO
Frequency - Switching	60kHz	60kHz	60kHz	225kHz
Fault Protection	Current Limiting, Over Temperature, Over Voltage, Short Circuit	Current Limiting, Over Temperature, Over Voltage	Current Limiting, Over Temperature, Over Voltage, Short Circuit	Current Limiting, Over Temperature, Over Voltage, Short Circuit
Package	Tube	Tube	Tape & Reel (TR)	Tube
Base Product Number	VIPER28	VIPER27	VIPER28	VIPER35
Control Features	-	-	-	-
Voltage - Breakdown	800V	800V	800V	800V
Power (Watts)	16 W	20 W	16 W	22 W
Voltage - Start Up	14 V	14 V	14 V	14 V
Series	VIPer™ plus	VIPer™ plus	VIPer™ plus	-

VIPER28LN Datasheet PDF

Download VIPER28LN pdf datasheets and STMicroelectronics documentation for VIPER28LN - STMicroelectronics.

Datasheets

[VIPER28.pdf](#)

PCN Design/Specification

[Mult Dev Adv Material Notice 8/Apr/2019.pdf](#)

[Mult Dev BOM Chgs 10/Jan/2022.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products

					
VIPER27LN STMicroelectronics IC OFFLINE SWITCH FLYBACK 7DIP	VIPER28LDTR STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	VIPER31SP STMicroelectronics	VIPER35HD STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	VIPER28LD STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	VIPER35HDTR STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO
					
VIPER35LDTR STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	VIPER35LD STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	VIPER32DIP STMicroelectronics IC OFFLINE SWITCH 8DIP	VIPER27LDTR STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	VIPER32DIP-E STMicroelectronics	VIPER28HDTR STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO
					
VIPER27HDTR STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	VIPER28L STMicroelectronics	VIPER319XDTR STMicroelectronics IC OFFLINE SWITCH MULT TOP 16SO	VIPER28HN STMicroelectronics IC OFFLINE SWITCH FLYBACK 7DIP	VIPER28H STMicroelectronics	VIPER27HN STMicroelectronics IC OFFLINE SWITCH FLYBACK 7DIP

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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