



Image may be representation.
See specifications for product details.



VIPER17HN

Manufacturer Part Number	VIPER17HN
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VIPER17HN
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OFFLINE SWITCH FLYBACK 8DIP
Package	8-DIP (0.300", 7.62mm), 7 Leads
Data sheet	VIPER17 Datasheet.pdf
RoHs Status	ROHS3 Compliant

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VIPER17HN - STMicroelectronics.New Original in Stock. Download Linear Technology VIPER17HN datasheet/specifications on AllelcoElec.com.
Request a quote for VIPER17HN, please send us email: info@allelco.com

Specifications

VIPER17HN Tech Specifications
VIPER17HN - 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	115kHz
Supplier Device Package	8-DIP	Fault Protection	Current Limiting, Over Temperature, Over Voltage
Series	VIPer™ plus	Duty Cycle	70%
Power (Watts)	10 W	Control Features	-
Package / Case	8-DIP (0.300", 7.62mm), 7 Leads	Base Product Number	VIPER17
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VIPER17HN

Product Attribute				
Part Number	VIPER17HN	VIPER16LD	VIPER20ADIP-E	VIPER16HDTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Duty Cycle	70%	70%	-	70%
Internal Switch(s)	Yes	Yes	Yes	Yes
Base Product Number	VIPER17	VIPER16	VIPER20	VIPER16
Supplier Device Package	8-DIP	16-SO	8-DIP	16-SO
Topology	Flyback	Buck, Buck-Boost, Flyback	Flyback	Buck, Buck-Boost, Flyback
Frequency - Switching	115kHz	60kHz	Up to 200kHz	115kHz
Output Isolation	Isolated	Either	Isolated	Either
Voltage - Start Up	14 V	13 V	11 V	13 V
Series	VIPer™ plus	VIPer™ plus	VIPER™	VIPer™ plus
Package	Tube	Tube	Tube	Tape & Reel (TR)
Fault Protection	Current Limiting, Over Temperature, Over Voltage	Current Limiting, Over Temperature	Current Limiting, Over Temperature	Current Limiting, Over Temperature
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Control Features	-	-	-	-
Package / Case	8-DIP (0.300", 7.62mm), 7 Leads	16-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	16-SOIC (0.154", 3.90mm Width)
Voltage - Supply (Vcc/Vdd)	8.5V ~ 23.5V	11.5V ~ 23.5V	8V ~ 15V	11.5V ~ 23.5V
Power (Watts)	10 W	10 W	20 W	10 W
Voltage - Breakdown	800V	800V	700V	800V
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-	-40°C ~ 150°C (TJ)

VIPER17HN Datasheet PDF

Download VIPER17HN pdf datasheets and STMicroelectronics documentation for VIPER17HN - STMicroelectronics.

PCN Packaging

2.73KHz.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



VIPER17 Datasheet.pdf

Customers Also Interested in

Recommended Products

**VIPER16LD**STMicroelectronics
IC OFFLINE SWITCH MULT TOP
16SO**VIPER20ADIP-E**STMicroelectronics
IC OFFLINE SWITCH FLYBACK 8DIP**VIPER16HDTR**STMicroelectronics
IC OFFLINE SWITCH MULT TOP
16SO**VIPER20ASP**

STMicroelectronics

**VIPER16LN**STMicroelectronics
IC OFFLINE SWITCH MULT TOP 7DIP**VIPER16LDTR**STMicroelectronics
IC OFFLINE SWITCH MULT TOP
16SO**VIPER17L**

STMicroelectronics

**VIPER20A**

STMicroelectronics

**VIPER17LN**STMicroelectronics
IC OFFLINE SWITCH FLYBACK 8DIP**VIPER17LD**STMicroelectronics
IC OFFLINE SWITCH FLYBACK 16SO**VIPER17LDTR**STMicroelectronics
IC OFFLINE SWITCH FLYBACK 16SO**VIPER20**

STMicroelectronics

**VIPER17HDTR**STMicroelectronics
IC OFFLINE SWITCH FLYBACK 16SO**VIPER16L**

STMicroelectronics

**VIPER17HD**STMicroelectronics
IC OFFLINE SWITCH FLYBACK 16SO**VIPER17H**

STMicroelectronics

**VIPER16HN**STMicroelectronics
IC OFFLINE SWITCH MULT TOP 7DIP**VIPER20-22-E**STMicroelectronics
IC OFFLIN CONV FLBACK
5PENTAWATT

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

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Email

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Certifications & Memberships



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