



Image may be representation.  
See specifications for product details.



## VIPER06HN

Manufacturer Part Number	VIPER06HN
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VIPER06HN
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OFFLINE SWITCH MULT TOP 7DIP
Package	8-DIP (0.300", 7.62mm), 7 Leads
Data sheet	<a href="#">VIPER06.pdf</a>
RoHs Status	ROHS3 Compliant

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VIPER06HN - STMicroelectronics.New Original in Stock. Download Linear Technology VIPER06HN datasheet/specifications on AllelcoElec.com.  
Request a quote for VIPER06HN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

VIPER06HN Tech Specifications

VIPER06HN - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Isolation	Either
Voltage - Supply (Vcc/Vdd)	11.5V ~ 23.5V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Start Up	13 V	Mounting Type	Through Hole
Voltage - Breakdown	800V	Internal Switch(s)	Yes
Topology	Buck, Flyback	Frequency - Switching	115kHz
Supplier Device Package	7-DIP	Fault Protection	Current Limiting, Open Loop, Over Temperature
Series	VIPer™ plus	Duty Cycle	70%
Power (Watts)	8 W	Control Features	-
Package / Case	8-DIP (0.300", 7.62mm), 7 Leads	Base Product Number	VIPER06
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VIPER06HN

Product Attribute				
Part Number	VIPER06HN	VIPER0PLDTR	VIPER06LS	VIPER0PHDTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Power (Watts)	8 W	12 W	8 W	12 W
Internal Switch(s)	Yes	Yes	Yes	Yes
Voltage - Supply (Vcc/Vdd)	11.5V ~ 23.5V	4.5V ~ 30V	11.5V ~ 23.5V	4.5V ~ 30V
Package / Case	8-DIP (0.300", 7.62mm), 7 Leads	16-SOIC (0.154", 3.90mm Width)	10-SOP (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Series	VIPer™ plus	VIPer™ plus	VIPer™ plus	VIPer™ plus
Duty Cycle	70%	80%	70%	80%
Control Features	-	-	-	-
Supplier Device Package	7-DIP	16-SO	10-SSOP	16-SO
Output Isolation	Either	Either	Either	Either
Voltage - Breakdown	800V	800V	800V	800V
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Topology	Buck, Flyback	Buck, Buck-Boost, Flyback	Buck, Flyback	Buck, Buck-Boost, Flyback
Base Product Number	VIPER06	VIPER0	VIPER06	VIPER0
Voltage - Start Up	13 V	8 V	13 V	8 V
Fault Protection	Current Limiting, Open Loop, Over Temperature	Current Limiting, Over Load, Over Temperature, Short Circuit	Current Limiting, Open Loop, Over Temperature	Current Limiting, Over Load, Over Temperature, Short Circuit
Frequency - Switching	115kHz	60kHz	60kHz	120kHz
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)

### VIPER06HN Datasheet PDF

Download VIPER06HN pdf datasheets and STMicroelectronics documentation for VIPER06HN - STMicroelectronics.

#### PCN Design/Specification

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

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

#### HTML Datasheet



















[VIPER06.pdf](#)

#### PCN Assembly/Origin

[Viper Site Chg 23/Jul/2020.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>VIPER0PLDTR</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 16SO	<b>VIPER06LS</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 10SSO	<b>VIPER0PHDTR</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 16SO	<b>VIPER06LSTR</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 10SSO	<b>VIPER013LSTR</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 10SSO	<b>VIPER013XSTR</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 10SSO
					
<b>VIPER06XS</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 10SSO	<b>VIPER06XN</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 7DIP	<b>VIPER06HS</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 10SSO	<b>VIPER100-22-E</b> STMicroelectronics IC OFFLIN CONV FLBACK 5PENTAWATT	<b>VIPER011XS</b> STMicroelectronics IC OFFLINE SW MULT TOP 10SSOP	<b>VIPER06HSTR</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 10SSO
					
<b>VIPER012LSTR</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 10SSO	<b>VIPER06LN</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 7DIP	<b>VIPER06XSTR</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 10SSO	<b>VIPER100</b> STMicroelectronics IC OFFLIN CONV FLBACK 5PENTAWATT	<b>VIPER013LS</b> STMicroelectronics IC OFFLINE SW MULT TOP 10SSOP	<b>VIPER013HSTR</b> STMicroelectronics IC OFFLINE SWITCH MULT TOP 10SSO

## 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
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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