



Image may be representation.
See specifications for product details.



VIPER06HS

Manufacturer Part Number	VIPER06HS
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VIPER06HS
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OFFLINE SWITCH MULT TOP 10SSO
Package	10-SOP (0.154", 3.90mm Width)
Data sheet	VIPER06.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VIPER06HS - STMicroelectronics.New Original in Stock. Download Linear Technology VIPER06HS datasheet/specifications on AllelcoElec.com.
Request a quote for VIPER06HS, please send us email: info@allelco.com

Specifications

VIPER06HS Tech Specifications
VIPER06HS - 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	Surface Mount
Voltage - Breakdown	800V	Internal Switch(s)	Yes
Topology	Buck, Flyback	Frequency - Switching	115kHz
Supplier Device Package	10-SSOP	Fault Protection	Current Limiting, Open Loop, Over Temperature
Series	VIPer™ plus	Duty Cycle	70%
Power (Watts)	8 W	Control Features	-
Package / Case	10-SOP (0.154", 3.90mm Width)	Base Product Number	VIPER06
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VIPER06HS

Product Attribute				
Part Number	VIPER06HS	VIPER100-22-E	VIPER06LN	VIPER06LS
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Fault Protection	Current Limiting, Open Loop, Over Temperature	Current Limiting, Over Temperature	Current Limiting, Open Loop, Over Temperature	Current Limiting, Open Loop, Over Temperature
Internal Switch(s)	Yes	Yes	Yes	Yes
Power (Watts)	8 W	100 W	8 W	8 W
Frequency - Switching	115kHz	Up to 200kHz	60kHz	60kHz
Topology	Buck, Flyback	Flyback	Buck, Flyback	Buck, Flyback
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Voltage - Breakdown	800V	620V	800V	800V
Voltage - Supply (Vcc/Vdd)	11.5V ~ 23.5V	8V ~ 15V	11.5V ~ 23.5V	11.5V ~ 23.5V
Base Product Number	VIPER06	VIPER100	VIPER06	VIPER06
Output Isolation	Either	Isolated	Either	Either
Package / Case	10-SOP (0.154", 3.90mm Width)	Pentawatt-5 HV (Bent and Staggered Leads)	8-DIP (0.300", 7.62mm), 7 Leads	10-SOP (0.154", 3.90mm Width)
Voltage - Start Up	13 V	11 V	13 V	13 V
Control Features	-	EN, Frequency Control, Soft Start	-	-
Supplier Device Package	10-SSOP	5-PENTAWATT	7-DIP	10-SSOP
Duty Cycle	70%	-	70%	70%
Package	Tube	Tube	Tube	Tube
Operating Temperature	-40°C ~ 150°C (TJ)	-	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Series	VIPer™ plus	VIPER™	VIPer™ plus	VIPer™ plus

VIPER06HS Datasheet PDF

Download VIPER06HS pdf datasheets and STMicroelectronics documentation for VIPER06HS - STMicroelectronics.

PCN Packaging

Cover Tape 07/Sep/2019.pdf

Material Barrier Bag 17/Dec/2020.pdf

HTML Datasheet

VIPER06.pdf

PCN Assembly/Origin

Viperyyy 22/Mar/2021.pdf



VIPER06 DataSheet Update 1/Mar/2017.pdf

Customers Also Interested in

Recommended Products



VIPER100-22-E

STMicroelectronics
IC OFFLIN CONV FLBACK
5PENTAWATT



VIPER06LN

STMicroelectronics
IC OFFLINE SWITCH MULT TOP 7DIP



VIPER06LS

STMicroelectronics
IC OFFLINE SWITCH MULT TOP
10SSO



VIPER013XSTR

STMicroelectronics
IC OFFLINE SWITCH MULT TOP
10SSO



VIPER06XSTR

STMicroelectronics
IC OFFLINE SWITCH MULT TOP
10SSO



VIPER013LSTR

STMicroelectronics
IC OFFLINE SWITCH MULT TOP
10SSO



VIPER06HN

STMicroelectronics
IC OFFLINE SWITCH MULT TOP 7DIP



VIPER06XN

STMicroelectronics
IC OFFLINE SWITCH MULT TOP 7DIP



VIPER0PLDTR

STMicroelectronics
IC OFFLINE SWITCH MULT TOP
16SO



VIPER012LSTR

STMicroelectronics
IC OFFLINE SWITCH MULT TOP
10SSO



VIPER100

STMicroelectronics
IC OFFLIN CONV FLBACK
5PENTAWATT



VIPER06HSTR

STMicroelectronics
IC OFFLINE SWITCH MULT TOP
10SSO



VIPER06XS

STMicroelectronics
IC OFFLINE SWITCH MULT TOP
10SSO



VIPER0PHDTR

STMicroelectronics
IC OFFLINE SWITCH MULT TOP
16SO



VIPER013HSTR

STMicroelectronics
IC OFFLINE SWITCH MULT TOP
10SSO



VIPER013LS

STMicroelectronics
IC OFFLINE SW MULT TOP 10SSOP



VIPER011XS

STMicroelectronics
IC OFFLINE SW MULT TOP 10SSOP



VIPER06LSTR

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
	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

info@allelco.com

Certifications & Memberships



View More

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