



Image may be representation.  
See specifications for product details.



## VIPER50ASP

Manufacturer Part Number	<b>VIPER50ASP</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-VIPER50ASP
ECAD Model	Request Free CAD Models
Parts Description	IC OFFLINE SW FLBACK 10POWERSO
Package	PowerSO-10 Exposed Bottom Pad
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>

[Get a Quote](#)

VIPER50ASP - STMicroelectronics.New Original in Stock. Download Linear Technology VIPER50ASP datasheet/specifications on AllelcoElec.com.  
Request a quote for VIPER50ASP, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

VIPER50ASP Tech Specifications

VIPER50ASP - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	8V ~ 15V	Operating Temperature	-
Voltage - Start Up	11 V	Mounting Type	Surface Mount
Voltage - Breakdown	700V	Internal Switch(s)	Yes
Topology	Flyback	Frequency - Switching	Up to 200kHz
Supplier Device Package	10-PowerSO	Fault Protection	Current Limiting, Over Temperature
Series	VIPER™	Duty Cycle	-
Power (Watts)	50 W	Control Features	Frequency Control, Soft Start, Sync
Package / Case	PowerSO-10 Exposed Bottom Pad	Base Product Number	VIPER50
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VIPER50ASP

Product Attribute				
Part Number	VIPER50ASP	VIPER53DIP-E	VIPER37LE	VIPER38LD
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Supply (Vcc/Vdd)	8V ~ 15V	8.4V ~ 19V	8.5V ~ 23.5V	8.5V ~ 23.5V
Operating Temperature	-	-40°C ~ 150°C (TC)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Package	Tube	Tube	Tube	Tube
Voltage - Breakdown	700V	620V	800V	800V
Topology	Flyback	Flyback	Flyback	Flyback
Supplier Device Package	10-PowerSO	8-DIP	10-SDIP	16-SO
Voltage - Start Up	11 V	11.5 V	14 V	14 V
Package / Case	PowerSO-10 Exposed Bottom Pad	8-DIP (0.300", 7.62mm)	10-SDIP (0.300", 7.62mm)	16-SOIC (0.154", 3.90mm Width)
Output Isolation	Isolated	Isolated	Isolated	Isolated
Base Product Number	VIPER50	VIPER53	VIPER37	VIPER38
Duty Cycle	-	-	80%	80%
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Series	VIPER™	VIPER™	VIPer™ plus	VIPer™ plus
Power (Watts)	50 W	50 W	20 W	20 W
Control Features	Frequency Control, Soft Start, Sync	EN, Frequency Control, Soft Start	-	-
Internal Switch(s)	Yes	Yes	Yes	Yes
Frequency - Switching	Up to 200kHz	Up to 300kHz	60kHz	60kHz
Fault Protection	Current Limiting, Over Temperature	Current Limiting, Over Load, Over Temperature, Short Circuit	Current Limiting, Over Temperature, Over Voltage	Current Limiting, Over Temperature, Over Voltage, Short Circuit

## VIPER50ASP Datasheet PDF

Download VIPER50ASP pdf datasheets and STMicroelectronics documentation for VIPER50ASP - STMicroelectronics.

### Datasheets

[Cylindrical Battery Holders.pdf](#)

## Customers Also Interested in

### Recommended Products



**VIPER50A-022Y**  
STMicroelectronics



**VIPer50R**  
STMicroelectronics



**VIPER50SSP**  
STMicroelectronics



**VIPER53DIP-E**  
STMicroelectronics  
IC OFFLINE SWITCH FLYBACK 8DIP



**VIPER37LE**  
STMicroelectronics  
IC OFFLINE SWITCH FLYBACK 10DIP



**VIPER38L**  
STMicroelectronics



**VIPER50BSP**  
STMicroelectronics



**VIPER38LD**  
STMicroelectronics  
IC OFFLINE SWITCH FLYBACK 16SO



**VIPER50A-22-E**  
STMicroelectronics  
IC OFFLIN CONV FLBACK 5PENTAWATT



**VIPer53**  
STMicroelectronics



**VIPER50SP**  
STMicroelectronics  
IC OFFLIN CONV FLBACK 5PENTAWATT



**VIPER38LDTR**  
STMicroelectronics  
IC OFFLINE SWITCH FLYBACK 16SO



**VIPER50B**  
STMicroelectronics



**VIPER38LE**  
STMicroelectronics  
IC OFFLINE SWITCH FLYBACK 10DIP



**VIPER50ASP-E**  
STMicroelectronics  
IC OFFLINE SW FLBACK 10POWERSO



**VIPER50**  
STMicroelectronics



**VIPER38HD**  
STMicroelectronics  
IC OFFLINE SWITCH FLYBACK 16SO



**VIPER50A**  
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 -



Contact us if you have any questions.



## Certifications & Memberships



[View More](#)