



Image may be representation.  
See specifications for product details.



## VIPER100A-22-E

Manufacturer Part Number	VIPER100A-22-E
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VIPER100A-22-E
ECAD Model	Request Free CAD Models
Parts Description	IC OFFLIN CONV FLBACK 5PENTAWATT
Package	Pentawatt-5 HV (Bent and Staggered Leads)
Data sheet	VIPER100A-22-E.pdf
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

VIPER100A-22-E - STMicroelectronics.New Original in Stock. Download Linear Technology VIPER100A-22-E datasheet/specifications on AllelcoElec.com.  
Request a quote for VIPER100A-22-E, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

VIPER100A-22-E Tech Specifications

VIPER100A-22-E - 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	5-PENTAWATT	Fault Protection	Current Limiting, Over Temperature
Series	VIPER™	Duty Cycle	-
Power (Watts)	100 W	Control Features	EN, Frequency Control, Soft Start
Package / Case	Pentawatt-5 HV (Bent and Staggered Leads)	Base Product Number	VIPER100
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VIPER100A-22-E

Product Attribute				
Part Number	VIPER100A-22-E	VIPER100-22-E	VIPER06XS	VIPER100A-E
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Frequency - Switching	Up to 200kHz	Up to 200kHz	30kHz	Up to 200kHz
Output Isolation	Isolated	Isolated	Either	Isolated
Internal Switch(s)	Yes	Yes	Yes	Yes
Duty Cycle	-	-	70%	-
Voltage - Breakdown	700V	620V	800V	700V
Fault Protection	Current Limiting, Over Temperature	Current Limiting, Over Temperature	Current Limiting, Open Loop, Over Temperature	Current Limiting, Over Temperature
Operating Temperature	-	-	-40°C ~ 150°C (TJ)	-
Series	VIPER™	VIPER™	VIPer™ plus	VIPER™
Voltage - Start Up	11 V	11 V	13 V	11 V
Package	Tube	Tube	Tube	Tube
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Topology	Flyback	Flyback	Buck, Flyback	Flyback
Package / Case	Pentawatt-5 HV (Bent and Staggered Leads)	Pentawatt-5 HV (Bent and Staggered Leads)	10-SOP (0.154", 3.90mm Width)	Pentawatt-5 HV (Bent and Staggered Leads)
Voltage - Supply (Vcc/Vdd)	8V ~ 15V	8V ~ 15V	11.5V ~ 23.5V	8V ~ 15V
Supplier Device Package	5-PENTAWATT	5-PENTAWATT	10-SSOP	5-PENTAWATT
Power (Watts)	100 W	100 W	8 W	100 W
Base Product Number	VIPER100	VIPER100	VIPER06	VIPER100
Control Features	EN, Frequency Control, Soft Start	EN, Frequency Control, Soft Start	-	EN, Frequency Control, Soft Start

### VIPER100A-22-E Datasheet PDF

Download VIPER100A-22-E pdf datasheets and STMicroelectronics documentation for VIPER100A-22-E - STMicroelectronics.

#### PCN Assembly/Origin

[Assembly Site Add 14/Sep/2015.pdf](#)

#### PCN Obsolescence/ EOL

[VIPER Dev EOL 6/Dec/2017.pdf](#)

### Customers Also Interested in

#### Recommended Products

**VIPER100-22-E**STMicroelectronics  
IC OFFLIN CONV FLBACK  
5PENTAWATT**VIPER06XS**STMicroelectronics  
IC OFFLINE SWITCH MULT TOP  
10SSO**VIPER100A-E**STMicroelectronics  
IC OFFLIN CONV FLBACK  
5PENTAWATT**VIPER114LSTR**STMicroelectronics  
IC OFFLINE SW MULT TOP 10SSOP**VIPER100-E**STMicroelectronics  
IC OFFLIN CONV FLBACK  
5PENTAWATT**VIPER100ASP**

STMicroelectronics

**VIPER122LSTR**STMicroelectronics  
IC OFFLINE SW MULT TOP 10SSOP**VIPer100R**

STMicroelectronics

**VIPER100**STMicroelectronics  
IC OFFLIN CONV FLBACK  
5PENTAWATT**VIPER0PLDTR**STMicroelectronics  
IC OFFLINE SWITCH MULT TOP  
16SO**VIPER0PHDTR**STMicroelectronics  
IC OFFLINE SWITCH MULT TOP  
16SO**VIPER115XSTR**STMicroelectronics  
IC OFFLINE SW MULT TOP 10SSOP**VIPER06XSTR**STMicroelectronics  
IC OFFLINE SWITCH MULT TOP  
10SSO**VIPER113LSTR**STMicroelectronics  
IC OFFLINE SW MULT TOP 10SSOP**VIPER100A**STMicroelectronics  
IC OFFLIN CONV FLBACK  
5PENTAWATT**VIPER06XN**STMicroelectronics  
IC OFFLINE SWITCH MULT TOP 7DIP**VIPER100BSP**

STMicroelectronics

**VIPER100SP**

STMicroelectronics

## 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

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



[View More](#)

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