



Image may be representation.
See specifications for product details.



VIPER100

Manufacturer Part Number	VIPER100
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VIPER100
ECAD Model	Request Free CAD Models
Parts Description	IC OFFLIN CONV FLBACK 5PENTAWATT
Package	Pentawatt-5 HV (Bent and Staggered Leads)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VIPER100 - STMicroelectronics.New Original in Stock. Download Linear Technology VIPER100 datasheet/specifications on AllelcoElec.com.
Request a quote for VIPER100, please send us email: info@allelco.com

Specifications

VIPER100 Tech Specifications
VIPER100 - 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	620V	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 VIPER100

Product Attribute				
Part Number	VIPER100	VIPER100A-22-E	VIPER06XS	VIPER0PLDTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Operating Temperature	-	-	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Topology	Flyback	Flyback	Buck, Flyback	Buck, Buck-Boost, Flyback
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	8V ~ 15V	8V ~ 15V	11.5V ~ 23.5V	4.5V ~ 30V
Package	Tube	Tube	Tube	Tape & Reel (TR)
Frequency - Switching	Up to 200kHz	Up to 200kHz	30kHz	60kHz
Package / Case	Pentawatt-5 HV (Bent and Staggered Leads)	Pentawatt-5 HV (Bent and Staggered Leads)	10-SOP (0.154', 3.90mm Width)	16-SOIC (0.154', 3.90mm Width)
Base Product Number	VIPER100	VIPER100	VIPER06	VIPER0
Output Isolation	Isolated	Isolated	Either	Either
Supplier Device Package	5-PENTAWATT	5-PENTAWATT	10-SSOP	16-SO
Internal Switch(s)	Yes	Yes	Yes	Yes
Control Features	EN, Frequency Control, Soft Start	EN, Frequency Control, Soft Start	-	-
Duty Cycle	-	-	70%	80%
Voltage - Start Up	11 V	11 V	13 V	8 V
Voltage - Breakdown	620V	700V	800V	800V
Power (Watts)	100 W	100 W	8 W	12 W
Series	VIPER™	VIPER™	VIPer™ plus	VIPer™ plus
Fault Protection	Current Limiting, Over Temperature	Current Limiting, Over Temperature	Current Limiting, Open Loop, Over Temperature	Current Limiting, Over Load, Over Temperature, Short Circuit

VIPER100 Datasheet PDF

Download VIPER100 pdf datasheets and STMicroelectronics documentation for VIPER100 - STMicroelectronics.

Datasheets

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



VIPer100R
STMicroelectronics



VIPER100A-E
STMicroelectronics
IC OFFLIN CONV FLBACK
5PENTAWATT

VIPER100A-22-E
STMicroelectronics
IC OFFLIN CONV FLBACK
5PENTAWATT



VIPER06LSTR
STMicroelectronics
IC OFFLINE SWITCH MULT TOP
10SSO

VIPER06XS
STMicroelectronics
IC OFFLINE SWITCH MULT TOP
10SSO



VIPER100ASP
STMicroelectronics

VIPER100BSP
STMicroelectronics



VIPER06XN
STMicroelectronics
IC OFFLINE SWITCH MULT TOP 7DIP

VIPER0PLDTR
STMicroelectronics
IC OFFLINE SWITCH MULT TOP
16SO



VIPER100A
STMicroelectronics
IC OFFLIN CONV FLBACK
5PENTAWATT

VIPER100-22-E
STMicroelectronics
IC OFFLIN CONV FLBACK
5PENTAWATT



VIPER06LS
STMicroelectronics
IC OFFLINE SWITCH MULT TOP
10SSO



VIPER113LSTR
STMicroelectronics
IC OFFLINE SW MULT TOP 10SSOP



VIPER06LN
STMicroelectronics
IC OFFLINE SWITCH MULT TOP 7DIP



VIPER06XSTR
STMicroelectronics
IC OFFLINE SWITCH MULT TOP
10SSO



VIPER100-E
STMicroelectronics
IC OFFLIN CONV FLBACK
5PENTAWATT



VIPER0PHDTR
STMicroelectronics
IC OFFLINE SWITCH MULT TOP
16SO



VIPER06L
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
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Certifications & Memberships



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