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VIPER100 Manufacturer Part Number Manufacturer

Allelco Part Number

ECAD Model

RoHs Status

mber 32D-VIPER100

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VIPER100

STMicroelectronics

Parts Description IC OFFLIN CONV FLBACK 5PENTAWATT

Package Pentawatt-5 HV (Bent and Staggered Leads)

ROHS3 Compliant

Data sheet **Cylindrical Battery Holders.pdf**

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



Image may be representation.

See specifications for product details.

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

The three parts on the right have similar specifications to STMicroelectronics VIPER100				
Product Attribute			PART	
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

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Recommended Products













VIPer100R

STMicroelectronics

VIPER100A-22-E

STMicroelectronics IC OFFLIN CONV FLBACK 5PENTAWATT

STMicroelectronics IC OFFLINE SWITCH MULT TOP

VIPERO6XS





VIPER100-22-E STMicroelectronics IC OFFLIN CONV FLBACK

5PENTAWATT



VIPER100A-E

STMicroelectronics IC OFFLIN CONV FLBACK **5PENTAWATT**



VIPERO6LSTR

STMicroelectronics IC OFFLINE SWITCH MULT TOP 10SSO



VIPER100ASP

STMicroelectronics



VIPER100BSP

STMicroelectronics

VIPERO6XN

STMicroelectronics IC OFFLINE SWITCH MULT TOP 7DIP



VIPEROPLDTR

STMicroelectronics

IC OFFLINE SWITCH MULT TOP

16SO

VIPER100A

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IC OFFLINE SWITCH MULT TOP

10SSO



VIPER113LSTR

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VIPERO6XSTR

STMicroelectronics IC OFFLINE SWITCH MULT TOP 10SSO



VIPER100-E

STMicroelectronics IC OFFLIN CONV FLBACK **5PENTAWATT**



VIPEROPHDTR

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		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Occurriu	New Zealand	7		
Asia	India	6		
/ Wild	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.











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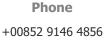




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