

Image may be representation.
See specifications for product details.



VIPER12ASTR-E

Manufacturer Part Number	VIPER12ASTR-E
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VIPER12ASTR-E
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OFFLINE SWITCH 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	VIPER12A-E.pdf
RoHs Status	ROHS3 Compliant

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VIPER12ASTR-E - STMicroelectronics.New Original in Stock. Download Linear Technology VIPER12ASTR-E datasheet/specifications on AllelcoElec.com.
Request a quote for VIPER12ASTR-E, please send us email: info@allelco.com

Specifications

VIPER12ASTR-E Tech Specifications

VIPER12ASTR-E - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Isolation	Non-Isolated
Voltage - Supply (Vcc/Vdd)	9V ~ 38V	Operating Temperature	-40°C ~ 150°C (TC)
Voltage - Start Up	14.5 V	Mounting Type	Surface Mount
Voltage - Breakdown	730V	Internal Switch(s)	Yes
Topology	-	Frequency - Switching	60kHz
Supplier Device Package	8-SOIC	Fault Protection	Current Limiting, Over Temperature, Over Voltage
Series	VIPER™	Duty Cycle	-
Power (Watts)	8 W	Control Features	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	VIPER12
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VIPER12ASTR-E

Product Attribute				
Part Number	VIPER12ASTR-E	VIPER12AS-E	VIPER12ADIP	VIPER122LSTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Control Features	-	-	-	-
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Base Product Number	VIPER12	VIPER12	VIPER12	VIPER122
Fault Protection	Current Limiting, Over Temperature, Over Voltage	Current Limiting, Over Temperature, Over Voltage	Current Limiting, Over Temperature, Over Voltage	Current Limiting, Short Circuit
Voltage - Breakdown	730V	730V	730V	730V
Power (Watts)	8 W	8 W	13 W	11 W
Frequency - Switching	60kHz	60kHz	60kHz	60kHz
Supplier Device Package	8-SOIC	8-SOIC	8-DIP	10-SSOP
Topology	-	-	-	Buck, Buck-Boost, Flyback
Operating Temperature	-40°C ~ 150°C (TC)	-40°C ~ 150°C (TC)	-40°C ~ 150°C (TC)	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Output Isolation	Non-Isolated	Non-Isolated	Non-Isolated	Either
Internal Switch(s)	Yes	Yes	Yes	Yes
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	10-SOP (0.154", 3.90mm Width)
Duty Cycle	-	-	-	80%
Voltage - Supply (Vcc/Vdd)	9V ~ 38V	9V ~ 38V	9V ~ 38V	11.5V ~ 23.5V
Series	VIPER™	VIPER™	VIPER™	-
Voltage - Start Up	14.5 V	14.5 V	14.5 V	13 V

VIPER12ASTR-E Datasheet PDF

Download VIPER12ASTR-E pdf datasheets and STMicroelectronics documentation for VIPER12ASTR-E - STMicroelectronics.

PCN Packaging

Mult Dev Inner Pkg Chg 30/Oct/2019.pdf

Material Barrier Bag 17/Dec/2020.pdf

PCN Other

IPG-IPC/14/8450 25/Apr/2014.pdf


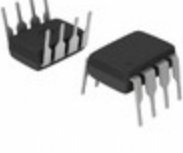
















PCN Assembly/Origin

Mult Devices 19/Jun/2018.pdf

 VIPER12A-E.pdf

Customers Also Interested in

Recommended Products

					
VIPER12AS-E STMicroelectronics IC OFFLINE SWITCH 8SOIC	VIPER12ADIP STMicroelectronics IC OFFLINE SWITCH 8DIP	VIPER12A STMicroelectronics	VIPER122LSTR STMicroelectronics IC OFFLINE SW MULT TOP 10SSOP	VIPER12ASTR STMicroelectronics	VIPER15LDTR STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO
					
VIPER115XSTR STMicroelectronics IC OFFLINE SW MULT TOP 10SSOP	VIPER12 XINBOLE	VIPER15L STMicroelectronics	VIPER15LN STMicroelectronics IC OFFLINE SWITCH FLYBACK 7DIP	VIPER15H STMicroelectronics	VIPER16HDTR STMicroelectronics IC OFFLINE SWITCH MULT TOP 16SO
					
VIPER16H STMicroelectronics	VIPER15LD STMicroelectronics IC OFFLINE SWITCH FLYBACK 16SO	VIPER12AS STMicroelectronics IC OFFLINE SWITCH 8SOIC	VIPER16HD STMicroelectronics IC OFFLINE SWITCH MULT TOP 16SO	VIPER12ADIP-E STMicroelectronics IC OFFLINE SWITCH 8DIP	VIPER15HN STMicroelectronics IC OFFLINE SWITCH FLYBACK 7DIP

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.

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Certifications & Memberships



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