

Image may be representation.
See specifications for product details.



VIPER114LSTR

Manufacturer Part Number	VIPER114LSTR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VIPER114LSTR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OFFLINE SW MULT TOP 10SSOP
Package	10-SOP (0.154", 3.90mm Width)
Data sheet	VIPER114LSTR.pdf
RoHs Status	ROHS3 Compliant

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VIPER114LSTR - STMicroelectronics. New Original in Stock. Download Linear Technology VIPER114LSTR datasheet/specifications on AllelcoElec.com. Request a quote for VIPER114LSTR, please send us email: info@allelco.com

Specifications

VIPER114LSTR Tech Specifications

VIPER114LSTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Isolation	Non-Isolated
Voltage - Supply (Vcc/Vdd)	4.5V ~ 30V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Start Up	16 V	Mounting Type	Surface Mount
Voltage - Breakdown	800V	Internal Switch(s)	Yes
Topology	Buck, Buck-Boost, Flyback	Frequency - Switching	60kHz
Supplier Device Package	10-SSOP	Fault Protection	Over Load, Over Voltage
Series	VIPER™	Duty Cycle	80%
Power (Watts)	12 W	Control Features	Soft Start
Package / Case	10-SOP (0.154", 3.90mm Width)	Base Product Number	VIPER114
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VIPER114LSTR

Product Attribute				
Part Number	VIPER114LSTR	VIPER115XSTR	VIPER12ADIP	VIPER100A-E
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Output Isolation	Non-Isolated	Non-Isolated	Non-Isolated	Isolated
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Duty Cycle	80%	80%	-	-
Fault Protection	Over Load, Over Voltage	Current Limiting, Over Load, Over Voltage, Short Circuit	Current Limiting, Over Temperature, Over Voltage	Current Limiting, Over Temperature
Topology	Buck, Buck-Boost, Flyback	Buck, Buck-Boost, Flyback	-	Flyback
Package / Case	10-SOP (0.154", 3.90mm Width)	10-SOP (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	Pentawatt-5 HV (Bent and Staggered Leads)
Power (Watts)	12 W	12 W	13 W	100 W
Internal Switch(s)	Yes	Yes	Yes	Yes
Series	VIPER™	VIPER™	VIPER™	VIPER™
Voltage - Start Up	16 V	16 V	14.5 V	11 V
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 150°C (TC)	-
Voltage - Supply (Vcc/Vdd)	4.5V ~ 30V	4.5V ~ 30V	9V ~ 38V	8V ~ 15V
Frequency - Switching	60kHz	30kHz	60kHz	Up to 200kHz
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Base Product Number	VIPER114	VIPER115	VIPER12	VIPER100
Control Features	Soft Start	Soft Start	-	EN, Frequency Control, Soft Start
Supplier Device Package	10-SSOP	10-SSOP	8-DIP	5-PENTAWATT
Voltage - Breakdown	800V	800V	730V	700V

VIPER114LSTR Datasheet PDF

Download VIPER114LSTR pdf datasheets and STMicroelectronics documentation for VIPER114LSTR - STMicroelectronics.

PCN Packaging

Cover Tape 07/Sep/2019.pdf

Material Barrier Bag 17/Dec/2020.pdf

PCN Assembly/Origin

VIPER Assem/Test Site 12/Dec/2018.pdf

PCN Design/Specification

VIPER11X 11/Feb/2019.pdf

Customers Also Interested in

Recommended Products

					
VIPER115XSTR STMicroelectronics IC OFFLINE SW MULT TOP 10SSOP	VIPER12ADIP STMicroelectronics IC OFFLINE SWITCH 8DIP	VIPER100A-E STMicroelectronics IC OFFLIN CONV FLBACK 5PENTAWATT	VIPER100BSP STMicroelectronics	VIPER12AS STMicroelectronics IC OFFLINE SWITCH 8SOIC	VIPER12A STMicroelectronics
					
VIPER100A-22-E STMicroelectronics IC OFFLIN CONV FLBACK 5PENTAWATT	VIPER100SP STMicroelectronics	VIPER12ADIP-E STMicroelectronics IC OFFLINE SWITCH 8DIP	VIPER100-E STMicroelectronics IC OFFLIN CONV FLBACK 5PENTAWATT	VIPER100ASP STMicroelectronics	VIPER113LSTR STMicroelectronics IC OFFLINE SW MULT TOP 10SSOP
					
VIPER12AS-E STMicroelectronics IC OFFLINE SWITCH 8SOIC	VIPER100-22-E STMicroelectronics IC OFFLIN CONV FLBACK 5PENTAWATT	VIPER122LSTR STMicroelectronics IC OFFLINE SW MULT TOP 10SSOP	VIPer100R STMicroelectronics	VIPER100A STMicroelectronics IC OFFLIN CONV FLBACK 5PENTAWATT	VIPER12 XINBOLE

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

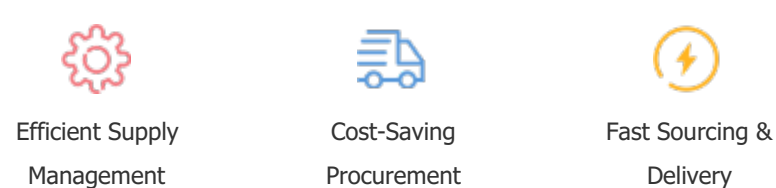
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

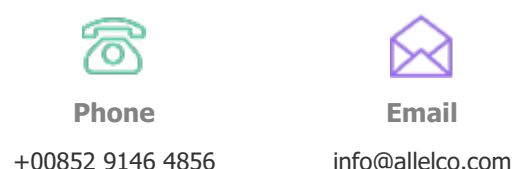
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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