



Image may be representation.
See specifications for product details.



VND5E025AYTR-E

Manufacturer Part Number	VND5E025AYTR-E
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VND5E025AYTR-E
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC PWR DRVR N-CHAN 1:1 PWRSSO36
Package	36-PowerFSOP (0.295", 7.50mm Width)
Data sheet	VND5E025AY-E.pdf
RoHs Status	ROHS3 Compliant

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VND5E025AYTR-E - STMicroelectronics.New Original in Stock. Download Linear Technology VND5E025AYTR-E datasheet/specifications on AllelcoElec.com.
Request a quote for VND5E025AYTR-E, please send us email: info@allelco.com

Specifications

VND5E025AYTR-E Tech Specifications
VND5E025AYTR-E - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Configuration	High Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Load	4.5V ~ 28V	Number of Outputs	2
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PowerSSO-36	Interface	On/Off
Series	Automotive, AEC-Q100, VIPOWER™	Input Type	Non-Inverting
Rds On (Typ)	25mOhm	Features	Auto Restart
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Package / Case	36-PowerFSOP (0.295", 7.50mm Width)	Current - Output (Max)	33A
Package	Tape & Reel (TR)	Base Product Number	VND5E025
Output Type	N-Channel		

Parts with Similar Specifications

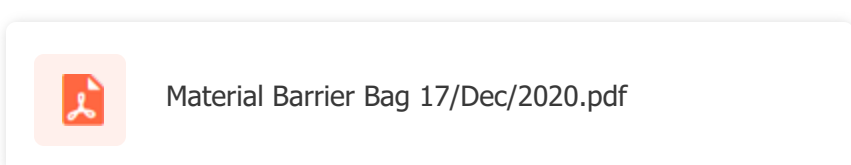
The three parts on the right have similar specifications to STMicroelectronics VND5E025AYTR-E

Product Attribute				
Part Number	VND5E025AYTR-E	VND5E012MYTR-E	VND5E025AKTR-E	VND5E025MK-E
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Series	Automotive, AEC-Q100, VIPOWER™	Automotive, AEC-Q100, VIPOWER™	VIPOWER™	VIPOWER™
Package / Case	36-PowerFSOP (0.295", 7.50mm Width)	36-BFSOP (0.295", 7.50mm Width) Exposed Pad	24-SOP (0.295", 7.50mm Width) Exposed Pad	24-PowerBSOP (0.295", 7.50mm Width)
Interface	On/Off	On/Off	On/Off	On/Off
Rds On (Typ)	25mOhm	11mOhm	25mOhm (Max)	25mOhm (Max)
Supplier Device Package	PowerSSO-36	PowerSSO-36	PowerSSO-24™	PowerSSO-24
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Load	4.5V ~ 28V	4.5V ~ 28V	4.5V ~ 28V	4.5V ~ 28V
Ratio - Input:Output	1:1	1:1	1:1	1:1
Current - Output (Max)	33A	52A	43A	43A
Output Configuration	High Side	High Side	High Side	High Side
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Number of Outputs	2	2	2	2
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Features	Auto Restart	Auto Restart	Auto Restart	Auto Restart
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Base Product Number	VND5E025	VND5E012	VND5E025	VND5E025

VND5E025AYTR-E Datasheet PDF

Download VND5E025AYTR-E pdf datasheets and STMicroelectronics documentation for VND5E025AYTR-E - STMicroelectronics.

PCN Packaging





















PCN Assembly/Origin

HTML Datasheet

Customers Also Interested in

Recommended Products

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VND5E025AY STMicroelectronics	VND5E012MYTR-E STMicroelectronics IC PWR SWITCH N-CHAN 1:1 PWRSSO36	VND5E025BY STMicroelectronics	VND5E025AKTR-E STMicroelectronics IC PWR SWITCH N-CHAN 1:1 PWRSSO24	VND5E025AKTR STMicroelectronics	VND5E025BK STMicroelectronics
	 life.augmented		 life.augmented	 life.augmented	 life.augmented
VND5E025MK-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO24	VND5E025MK STMicroelectronics	VND5E025LKTR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO24	VND5E025LK STMicroelectronics	VND5E025AYTR STMicroelectronics	VND5E025ASTR STMicroelectronics
	 life.augmented				 NO PICTURE
VND5E025AK-E STMicroelectronics IC PWR SWITCH N-CHAN 1:1 PWRSSO24	VND5E025BKTR STMicroelectronics	VND5E025ASTR-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 16SO	VND5E025BKTR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO24	VND5E025MKTR-E STMicroelectronics IC PWR SWITCH N-CHAN 1:1 PWRSSO24	VND5E025AK NA

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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