



Image may be representation.
See specifications for product details.



VND7E025AJTR

Manufacturer Part Number	VND7E025AJTR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VND7E025AJTR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC PWR DRVR N-CHAN 1:1 PWRSSO16
Package	16-PowerLFSOP (0.154", 3.90mm Width)
Data sheet	VND7E025AJ Datasheet.pdf
RoHs Status	ROHS3 Compliant

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VND7E025AJTR - STMicroelectronics.New Original in Stock. Download Linear Technology VND7E025AJTR datasheet/specifications on AllelcoElec.com.
Request a quote for VND7E025AJTR, please send us email: info@allelco.com

Specifications

VND7E025AJTR Tech Specifications

VND7E025AJTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Configuration	High Side
Voltage - Supply (Vcc/Vdd)	-	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Load	4V ~ 28V	Number of Outputs	2
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PowerSSO-16	Interface	-
Series	Automotive, AEC-Q100, VIPOWER™	Input Type	Non-Inverting
Rds On (Typ)	27mOhm	Features	Auto Restart, Status Flag
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, Short Circuit, UVLO
Package / Case	16-PowerLFSOP (0.154", 3.90mm Width)	Current - Output (Max)	28A
Package	Tape & Reel (TR)	Base Product Number	VND7E025
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VND7E025AJTR

Product Attribute				
Part Number	VND7E025AJTR	VND7N04TR-E	VND7E050AJTR	VND7N04-E
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Series	Automotive, AEC-Q100, VIPOWER™	OMNIFET II™, VIPower™	Automotive, AEC-Q100, VIPOWER™	OMNIFET II™, VIPower™
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, Short Circuit, UVLO	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, Short Circuit, UVLO	Current Limiting (Fixed), Over Temperature, Over Voltage
Output Configuration	High Side	Low Side	High Side	Low Side
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Interface	-	On/Off	-	On/Off
Package / Case	16-PowerLFSOP (0.154", 3.90mm Width)	TO-252-3, DPak (2 Leads + Tab), SC-63	16-PowerLFSOP (0.154", 3.90mm Width)	TO-252-3, DPak (2 Leads + Tab), SC-63
Voltage - Supply (Vcc/Vdd)	-	Not Required	-	Not Required
Voltage - Load	4V ~ 28V	31V (Max)	4V ~ 28V	31V (Max)
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Rds On (Typ)	27mOhm	140mOhm (Max)	50mOhm	140mOhm (Max)
Ratio - Input:Output	1:1	1:1	1:1	1:1
Base Product Number	VND7E025	VND7NV04	VND7E050	VND7NV04
Number of Outputs	2	1	2	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Features	Auto Restart, Status Flag	-	Auto Restart, Status Flag	-
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Current - Output (Max)	28A	4A	9A	4A
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Supplier Device Package	PowerSSO-16	DPAK	PowerSSO-16	DPAK

VND7E025AJTR Datasheet PDF

Download VND7E025AJTR pdf datasheets and STMicroelectronics documentation for VND7E025AJTR - STMicroelectronics.


Datasheets

VND7E025AJ Datasheet.pdf

PCN Packaging

Customers Also Interested in

Recommended Products

					
VND7N04TR-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND7E050AJTR STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO16	VND7N04-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND7140AJT STMicroelectronics	VND7050AJ STMicroelectronics	VND7N04-1-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 IPAK
					
VND7NV04-1-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 IPAK	VND7140AJ12TR STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO12	VND7N04 STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND7NV04 STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND7NV04-1 STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 IPAK	VND7140AJTR STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO16
					
VND7040AJTR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO16	VND7050AJTR STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO16	VND7050AJTR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO16	VND7N0413TR STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND7140AJTR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO16	VND7050AJ12TR STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO12

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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