



Image may be representation.
See specifications for product details.



VND5T035AK-E

Manufacturer Part Number	VND5T035AK-E
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VND5T035AK-E
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRVR N-CHAN 1:1 PWRSSO24
Package	24-PowerBSOP (0.295", 7.50mm Width)
Data sheet	VND5T035AK-E.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VND5T035AK-E - STMicroelectronics.New Original in Stock. Download Linear Technology VND5T035AK-E datasheet/specifications on AllelcoElec.com.
Request a quote for VND5T035AK-E, please send us email: info@allelco.com

Specifications

VND5T035AK-E Tech Specifications

VND5T035AK-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	8V ~ 36V	Number of Outputs	2
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PowerSSO-24	Interface	On/Off
Series	VIPower™	Input Type	Non-Inverting
Rds On (Typ)	35mOhm	Features	-
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Package / Case	24-PowerBSOP (0.295", 7.50mm Width)	Current - Output (Max)	30A
Package	Tube	Base Product Number	VND5T035
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VND5T035AK-E

Product Attribute				
Part Number	VND5T035AK-E	VND5T100AJ-E	VND5N07-1-E	VND5T050AKTR-E
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	VIPower™	VIPower™	OMNIFET II™, VIPower™	VIPower™
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Interface	On/Off	On/Off	On/Off	On/Off
Output Configuration	High Side	High Side	Low Side	High Side
Current - Output (Max)	30A	16A	3.5A	24A
Features	-	-	-	-
Supplier Device Package	PowerSSO-24	PowerSSO-12	I-PAK	PowerSSO-24
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Package	Tube	Tube	Tube	Tape & Reel (TR)
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Rds On (Typ)	35mOhm	100mOhm	200mOhm (Max)	50mOhm
Package / Case	24-PowerBSOP (0.295", 7.50mm Width)	12-LSOP (0.154", 3.90mm Width) Exposed Pad	TO-251-3 Short Leads, IPak, TO-251AA	24-PowerBSOP (0.295", 7.50mm Width)
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Base Product Number	VND5T035	VND5T100	VND5N07	VND5T050
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Load	8V ~ 36V	8V ~ 36V	55V (Max)	8V ~ 36V
Ratio - Input:Output	1:1	1:1	1:1	1:1
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Number of Outputs	2	2	1	2

VND5T035AK-E Datasheet PDF

Download VND5T035AK-E pdf datasheets and STMicroelectronics documentation for VND5T035AK-E - STMicroelectronics.

PCN Packaging

2.73KHz.pdf

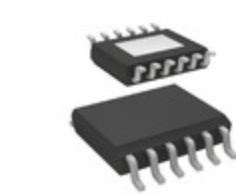
PCN Assembly/Origin

2.73KHz.pdf

 VND5T035AK-E.pdf

Customers Also Interested in

Recommended Products



VND5T100AJ-E
STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO12



VND5N07-1-E
STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
IPAK



VND5T050AKTR-E
STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO24



VND5N07TR-E MOS
STMicroelectronics



VND5T016AHTR
STMicroelectronics



VND5T035LAKTR-E
STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO24



VND5T035AKTR
STMicroelectronics



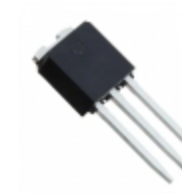
VND5T035AK
STMicroelectronics



VND5T016ASPTR-E
STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSSO16



VND5T035LAK-E
STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO24



VND5N07-1
STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
IPAK



VND5N07TR-E
STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
DPAK



VND5T035AKTR-E
STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO24



VND5T016A
STMicroelectronics



VND5T035LAKTR
STMicroelectronics



VND5N07-E
STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
DPAK



VND5T050AKTR
STMicroelectronics



VND5N0713TR-E
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
	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.

-  Phone
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



[View More](#)

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