



Image may be representation.
See specifications for product details.



VND83013TR

Manufacturer Part Number	VND83013TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VND83013TR
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRIVER N-CHANNEL 1:1 16SO
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	VND830.pdf
RoHs Status	ROHS3 Compliant

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VND83013TR - STMicroelectronics.New Original in Stock. Download Linear Technology VND83013TR datasheet/specifications on AllelcoElec.com.
Request a quote for VND83013TR, please send us email: info@allelco.com

Specifications

VND83013TR Tech Specifications

VND83013TR - 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	5.5V ~ 36V	Number of Outputs	2
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	16-SO	Interface	On/Off
Series	VIPower™	Input Type	Non-Inverting
Rds On (Typ)	60mOhm (Max)	Features	Auto Restart, Status Flag
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Package / Case	16-SOIC (0.295", 7.50mm Width)	Current - Output (Max)	6A
Package	Tape & Reel (TR)	Base Product Number	VND830
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VND83013TR

Product Attribute				
Part Number	VND83013TR	VND830LSP	VND830ETR-E	VND830AEPTR-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)
Base Product Number	VND830	VND830	VND830	VND830
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Number of Outputs	2	2	2	2
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Rds On (Typ)	60mOhm (Max)	60mOhm (Max)	65mOhm (Max)	60mOhm (Max)
Current - Output (Max)	6A	18A	9.5A	6A
Series	VIPower™	VIPower™	VIPower™	VIPower™
Interface	On/Off	On/Off	On/Off	On/Off
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), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage
Ratio - Input:Output	1:1	1:1	1:1	1:1
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Package / Case	16-SOIC (0.295", 7.50mm Width)	PowerSO-10 Exposed Bottom Pad	16-SOIC (0.295", 7.50mm Width)	24-PowerBSOP (0.295", 7.50mm Width)
Supplier Device Package	16-SO	10-PowerSO	16-SO	PowerSSO-24
Output Configuration	High Side	High Side	High Side	High Side
Voltage - Load	5.5V ~ 36V	5.5V ~ 36V	5.5V ~ 36V	5.5V ~ 36V
Features	Auto Restart, Status Flag	Auto Restart	Auto Restart	-

VND83013TR Datasheet PDF

Download VND83013TR pdf datasheets and STMicroelectronics documentation for VND83013TR - STMicroelectronics.

PCN Obsolescence/ EOL

[Multiple Devices 18/Dec/2012.pdf](#)

HTML Datasheet

[VND830.pdf](#)

Customers Also Interested in

Recommended Products



VND830LSP

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND830ETR-E

STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
16SO



VND830AEPTR-E

STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO24



VND830E

STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
16SO



VND810MSP13TR

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND830AEP-E

STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO24



VND810LSP

STMicroelectronics



VND810SP

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND81013TR

STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
16SO



VND810TR-E

STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
16SO



VND830ASP13TR

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND810MSP

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND830ASP

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND810

STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
16SO



VND830AEP

STMicroelectronics



VND830ASPTR-E

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND830

STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
16SO



VND810PTR-E

STMicroelectronics
IC PWR SWITCH N-CHANNEL 1:1
16SO

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

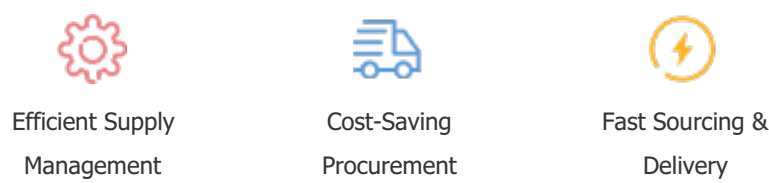
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

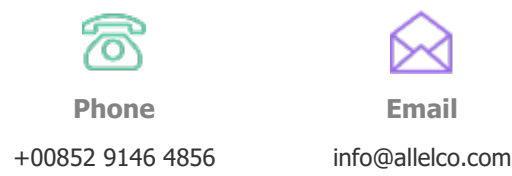
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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