



Image may be representation.
See specifications for product details.



VND600SP-E

Manufacturer Part Number	VND600SP-E
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VND600SP-E
ECAD Model	PCB Footprint and Symbol
Parts Description	IC PWR DRIVER N-CHAN 1:1 PWRSO10
Package	PowerSO-10 Exposed Bottom Pad
Data sheet	VND600SP-E.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VND600SP-E - STMicroelectronics. New Original in Stock. Download Linear Technology VND600SP-E datasheet/specifications on AllelcoElec.com.
Request a quote for VND600SP-E, please send us email: info@allelco.com

Specifications

VND600SP-E Tech Specifications

VND600SP-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	5.5V ~ 36V	Number of Outputs	2
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	10-PowerSO	Interface	On/Off
Series	-	Input Type	Non-Inverting
Rds On (Typ)	30mOhm (Max)	Features	-
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Package / Case	PowerSO-10 Exposed Bottom Pad	Current - Output (Max)	25A
Package	Tube	Base Product Number	VND600
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VND600SP-E

Product Attribute				
Part Number	VND600SP-E	VND600TR-E	VND600SP13TR	VND600PTR-E
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Output (Max)	25A	25A	25A	25A
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Ratio - Input:Output	1:1	1:1	1:1	1:1
Number of Outputs	2	2	2	2
Base Product Number	VND600	VND600	VND600	VND600
Voltage - Load	5.5V ~ 36V	5.5V ~ 36V	5.5V ~ 36V	5.5V ~ 36V
Interface	On/Off	On/Off	On/Off	On/Off
Package / Case	PowerSO-10 Exposed Bottom Pad	16-SOIC (0.295", 7.50mm Width)	PowerSO-10 Exposed Bottom Pad	24-PowerBSOP (0.295", 7.50mm Width)
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage
Rds On (Typ)	30mOhm (Max)	35mOhm (Max)	30mOhm (Max)	35mOhm (Max)
Features	-	-	-	Auto Restart
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Supplier Device Package	10-PowerSO	16-SO	10-PowerSO	PowerSSO-24
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Configuration	High Side	High Side	High Side	High Side

VND600SP-E Datasheet PDF

Download VND600SP-E pdf datasheets and STMicroelectronics documentation for VND600SP-E - STMicroelectronics.

PCN Assembly/Origin



















2.73KHz.pdf

HTML Datasheet

VND600SP-E.pdf

Customers Also Interested in

Recommended Products

					
VND600TR-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 16SO	VND600SP13TR STMicroelectronics IC PWR DRIVER N-CHAN 1:1 PWRSSO10	VND600PTR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO24	VND670SP STMicroelectronics IC PWR SWITCH 1:1 PWRSSO10	VND600PEPTR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO24	VND600 STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 16SO
					
VND600-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 16SO	VND600P-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 16SO	VND7006DAYTR STMicroelectronics	VND7004AYTR-E STMicroelectronics	VND600SPTR-E STMicroelectronics IC PWR DRIVER N-CHAN 1:1 PWRSSO10	VND7012AYTR STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO36
					
VND600SP STMicroelectronics IC PWR DRIVER N-CHAN 1:1 PWRSSO10	VND600PEP STMicroelectronics	VND600PEP13TR STMicroelectronics	VND7004AYTR STMicroelectronics IC PWR SWITCH N-CHAN 1:1 PWRSSO36	VND60013TR STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 16SO	VND7012AYTR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO36

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



View More

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