



Image may be representation.
See specifications for product details.



VNQ660SP

Manufacturer Part Number	VNQ660SP
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VNQ660SP
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRIVER N-CHAN 1:1 PWRSO10
Package	PowerSO-10 Exposed Bottom Pad
Data sheet	VNQ660SP.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VNQ660SP - STMicroelectronics.New Original in Stock. Download Linear Technology VNQ660SP datasheet/specifications on AllelcoElec.com.
Request a quote for VNQ660SP, please send us email: info@allelco.com

Specifications

VNQ660SP Tech Specifications

VNQ660SP - 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	6V ~ 36V	Number of Outputs	4
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	10-PowerSO	Interface	On/Off
Series	-	Input Type	Non-Inverting
Rds On (Typ)	40mOhm	Features	Status Flag
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Package / Case	PowerSO-10 Exposed Bottom Pad	Current - Output (Max)	6A
Package	Tube	Base Product Number	VNQ660
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VNQ660SP

Product Attribute				
Part Number	VNQ660SP	VNQ600TR-E	VNQ690SPTR-E	VNQ7040AYTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Supplier Device Package	10-PowerSO	28-SO	10-PowerSO	PowerSSO-36 EPD
Features	Status Flag	-	Status Flag	Status Flag
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Package / Case	PowerSO-10 Exposed Bottom Pad	28-SOIC (0.295", 7.50mm Width)	10-PowerSOIC (0.370", 9.40mm Width)	36-PowerBFSOP (0.295", 7.50mm Width)
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Output (Max)	6A	15A	10A	24A
Base Product Number	VNQ660	VNQ600	VNQ690	VNQ7040
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Load	6V ~ 36V	5.5V ~ 36V	6V ~ 36V	4V ~ 28V
Interface	On/Off	On/Off	On/Off	Parallel
Rds On (Typ)	40mOhm	35mOhm (Max)	90mOhm (Max)	40mOhm
Ratio - Input:Output	1:1	1:1	1:1	1:1
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, UVLO
Number of Outputs	4	4	4	4
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Series	-	-	VIPOWER™	Automotive, AEC-Q100, VIPOWER™
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Output Configuration	High Side	High Side	High Side	High Side

VNQ660SP Datasheet PDF















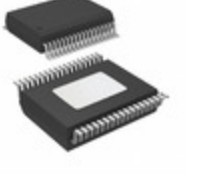
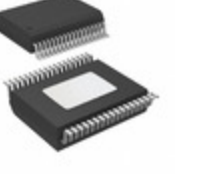


Download VNQ660SP pdf datasheets and STMicroelectronics documentation for VNQ660SP - STMicroelectronics.

HTML Datasheet

VNQ660SP.pdf

Customers Also Interested in

Recommended Products

					
VNQ600TR-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 28SO	VNQ600AP STMicroelectronics	VNQ690SPTR-E STMicroelectronics IC PWR DRIVER N-CHAN 1:1 PWRSO10	VNQ7040AYTR STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO36	VNQ7050AJTR STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO16	VNQ600PTR-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 28SO
					
VNQ7050AJ-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO16	VNQ6040S-BB STMicroelectronics	VNQ600AP-E STMicroelectronics IC PWR DRIVER N-CHAN 1:1 28SOIC	VNQ660SPTR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSO10	VNQ600APTR-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 28SO	VNQ7040AY STMicroelectronics
					
VNQ7140AJ-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO16	VNQ690SP13TR STMicroelectronics IC PWR DRIVER N-CHAN 1:1 PWRSO10	VNQ6040STR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO36	VNQ7040AYTR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO36	VNQ660SP-E STMicroelectronics IC PWR DRIVER N-CHAN 1:1 PWRSO10	VNQ6040S 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.

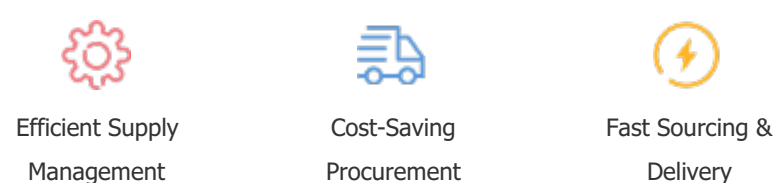
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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