



Image may be representation.
See specifications for product details.



VND830ASP

Manufacturer Part Number	VND830ASP
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VND830ASP
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRIVER N-CHAN 1:1 PWRSO10
Package	PowerSO-10 Exposed Bottom Pad
Data sheet	VND830ASP.pdf
RoHs Status	ROHS3 Compliant

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VND830ASP - STMicroelectronics.New Original in Stock. Download Linear Technology VND830ASP datasheet/specifications on AllelcoElec.com.
Request a quote for VND830ASP, please send us email: info@allelco.com

Specifications

VND830ASP Tech Specifications

VND830ASP - 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	VIPower™	Input Type	Non-Inverting
Rds On (Typ)	60mOhm (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)	6A
Package	Tube	Base Product Number	VND830
Output Type	N-Channel		

Parts with Similar Specifications

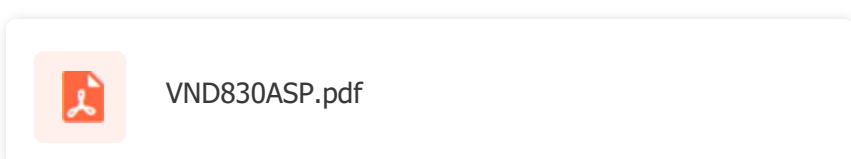
The three parts on the right have similar specifications to STMicroelectronics VND830ASP

Product Attribute				
Part Number	VND830ASP	VND830MSPTR-E	VND830LSPTR-E	VND830LSP13TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Supplier Device Package	10-PowerSO	10-PowerSO	10-PowerSO	10-PowerSO
Fault Protection	Current Limiting (Fixed), 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), Open Load Detect, Over Temperature, Over Voltage
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Features	-	Auto Restart	Auto Restart	Auto Restart
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Number of Outputs	2	2	2	2
Interface	On/Off	On/Off	On/Off	On/Off
Current - Output (Max)	6A	6A	18A	18A
Output Configuration	High Side	High Side	High Side	High Side
Ratio - Input:Output	1:1	1:1	1:1	1:1
Package / Case	PowerSO-10 Exposed Bottom Pad	PowerSO-10 Exposed Bottom Pad	PowerSO-10 Exposed Bottom Pad	PowerSO-10 Exposed Bottom Pad
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Series	VIPower™	VIPower™	VIPower™	VIPower™
Voltage - Load	5.5V ~ 36V	5.5V ~ 36V	5.5V ~ 36V	5.5V ~ 36V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Base Product Number	VND830	VND830	VND830	VND830
Rds On (Typ)	60mOhm (Max)	60mOhm (Max)	60mOhm (Max)	60mOhm (Max)

VND830ASP Datasheet PDF

Download VND830ASP pdf datasheets and STMicroelectronics documentation for VND830ASP - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products



VND830MSPTR-E

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND830LSPTR-E

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND830LSP13TR

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND830ASPTR-E

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND810PTR-E

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



VND830AEP-E

STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSS024



VND810MSP13TR

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND830LSP

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND830

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



VND810SP

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND830AEP

STMicroelectronics



VND830ASP13TR

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND830MSP

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
PWRSO10



VND830E

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



VND830AEPTR-E

STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSS024



VND830ETR-E

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



VND83013TR

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



VND810TR-E

STMicroelectronics
IC PWR DRIVER 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 -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



Phone

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Email

info@allelco.com

Certifications & Memberships



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