



Image may be representation.
See specifications for product details.



VN920-B513TR

Manufacturer Part Number	VN920-B513TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VN920-B513TR
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRIVER N-CHAN 1:1 P2PAK
Package	P2PAK (4 Leads + Tab)
Data sheet	VN920(SO,-B5).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VN920-B513TR - STMicroelectronics.New Original in Stock. Download Linear Technology VN920-B513TR datasheet/specifications on AllelcoElec.com.
Request a quote for VN920-B513TR, please send us email: info@allelco.com

Specifications

VN920-B513TR Tech Specifications

VN920-B513TR - 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	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	P2PAK	Interface	On/Off
Series	VIPower™	Input Type	Non-Inverting
Rds On (Typ)	16mOhm (Max)	Features	Auto Restart
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Package / Case	P2PAK (4 Leads + Tab)	Current - Output (Max)	30A
Package	Tape & Reel (TR)	Base Product Number	VN920
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VN920-B513TR

Product Attribute				
Part Number	VN920-B513TR	TPS2034DRG4	MC33988CHFK	VN920B5-E
Manufacturer	STMicroelectronics	Texas Instruments	NXP USA Inc.	STMicroelectronics
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	4.5V ~ 5.5V	Not Required
Supplier Device Package	P2PAK	8-SOIC	16-PQFN (12x12)	P2PAK
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Ratio - Input:Output	1:1	1:1	1:2	1:1
Base Product Number	VN920	TPS2034	MC33988	VN920
Package / Case	P2PAK (4 Leads + Tab)	8-SOIC (0.154", 3.90mm Width)	16-PowerQFN	P2PAK (4 Leads + Tab)
Input Type	Non-Inverting	Non-Inverting	-	Non-Inverting
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Rds On (Typ)	16mOhm (Max)	33mOhm	8mOhm (Max)	16mOhm (Max)
Output Configuration	High Side	High Side	High Side	High Side
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Interface	On/Off	On/Off	SPI	On/Off
Series	VIPower™	-	-	VIPower™
Current - Output (Max)	30A	2A	-	30A
Voltage - Load	5.5V ~ 36V	2.7V ~ 5.5V	6V ~ 27V	5.5V ~ 36V
Number of Outputs	1	1	2	1
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tray	Tube
Features	Auto Restart	Status Flag	Slew Rate Controlled, Watchdog Timer	Auto Restart
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage

VN920-B513TR Datasheet PDF

Download VN920-B513TR pdf datasheets and STMicroelectronics documentation for VN920-B513TR - STMicroelectronics.

Datasheets

[VN920\(SO,-B5\).pdf](#)

PCN Obsolescence/ EOL

[Vipower Devices 22/May/2013.pdf](#)

Customers Also Interested in

Recommended Products

 TPS2034DRG4 Texas Instruments IC PWR SWITCH N-CHAN 1:1 8SOIC	 MC33988CHFK NXP USA Inc. IC PWR SWITCH N-CHAN 1:2 16QFN	 VN920B5-E STMicroelectronics IC PWR DRIVER N-CHAN 1:1 P2PAK	 VN920PEP-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO24	 VN920SPTR-E STMicroelectronics IC PWR DRIVER N-CHAN 1:1 PWRSSO10	 VN920B5TR-E STMicroelectronics IC PWR DRIVER N-CHAN 1:1 P2PAK
 VND830PEPTR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO24	 VN920SP STMicroelectronics IC PWR DRIVER N-CHAN 1:1 PWRSSO10	 VN920SO STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 16SO	 VN920SP13TR STMicroelectronics IC PWR DRIVER N-CHAN 1:1 PWRSSO10	 VN920B5HTR-E STMicroelectronics IC PWR DRIVER N-CHAN 1:1 P2PAK	 VN920B5 INFINE/ON
 VN920D-B513TR STMicroelectronics IC PWR DRIVER N-CHAN 1:1 P2PAK	 VN920PEP STMicroelectronics	 VN990TR-E STMicroelectronics	 VN920-B5 STMicroelectronics IC PWR DRIVER N-CHAN 1:1 P2PAK	 VN920PEPTR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO24	 VN9583 XX

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

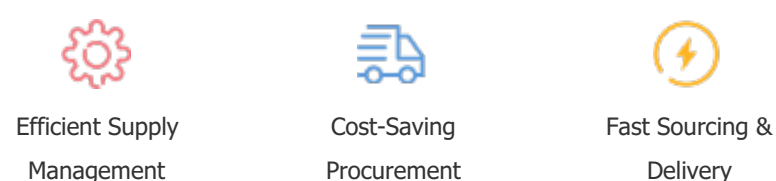
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

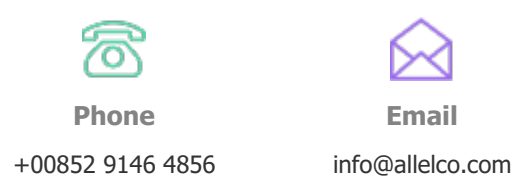
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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