



Image may be representation.
See specifications for product details.



VN750-B5

Manufacturer Part Number	VN750-B5
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VN750-B5
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRIVER N-CHAN 1:1 P2PAK
Package	P2PAK (4 Leads + Tab)
Data sheet	VN750.pdf

Get a Quote

VN750-B5 - STMicroelectronics.New Original in Stock. Download Linear Technology VN750-B5 datasheet/specifications on AllelcoElec.com.
Request a quote for VN750-B5, please send us email: info@allelco.com

Specifications

VN750-B5 Tech Specifications

VN750-B5 - 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)	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	P2PAK (4 Leads + Tab)	Current - Output (Max)	6A
Package	Tube	Base Product Number	VN750
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VN750-B5

Product Attribute				
Part Number	VN750-B5	VN7050ASTR	VN7140ASTR	VN7140ASTR-E
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	P2PAK (4 Leads + Tab)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Outputs	1	1	1	1
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Series	VIPower™	VIPower™	VIPower™	VIPower™
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Rds On (Typ)	60mOhm (Max)	50mOhm	140mOhm	140mOhm
Supplier Device Package	P2PAK	8-SOIC	8-SOIC	8-SOIC
Voltage - Load	5.5V ~ 36V	4V ~ 28V	4V ~ 28V	4V ~ 28V
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Ratio - Input:Output	1:1	1:1	1:1	1:1
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Features	Auto Restart, Status Flag	Auto Restart, Status Flag	Auto Restart, Status Flag	Auto Restart, Status Flag
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, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, UVLO
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Current - Output (Max)	6A	21A	8A	8A
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Output Configuration	High Side	High Side	High Side	High Side
Base Product Number	VN750	VN7050	VN7140	VN7140

VN750-B5 Datasheet PDF

Download VN750-B5 pdf datasheets and STMicroelectronics documentation for VN750-B5 - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products



VN750PEP
STMicroelectronics



VN7050ASTR
STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 8SO



VN7140ASTR
STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 8SO



VN7140ASTR-E
STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 8SO



VN7040ASTR-E
STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 8SO



VN7140AJTR-E
STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 P2PAK



VN750B5TR-E
STMicroelectronics
IC PWR DRVR N-CHAN 1:1 PWRSSO16



VN7050AJTR
STMicroelectronics
IC PWR DRVR N-CHAN 1:1 PWRSSO16



VN7140AS
STMicroelectronics



VN750-B513TR
STMicroelectronics
IC PWR DRIVER N-CHAN 1:1 P2PAK



VN750-B513TR-E
STMicroelectronics



VN750PEP-E
STMicroelectronics
IC PWR DRVR N-CHAN 1:1 PWRSSO12



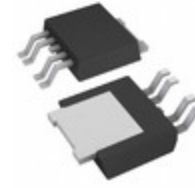
VN750PEPTR-E
STMicroelectronics
IC PWR DRVR N-CHAN 1:1 PWRSSO12



VN7140AJTR
STMicroelectronics
IC PWR DRVR N-CHAN 1:1 PWRSSO16



VN750PT-E
STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 PPAK



VN750PT
STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 PPAK



VN750PSTR-E
STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 8SO

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

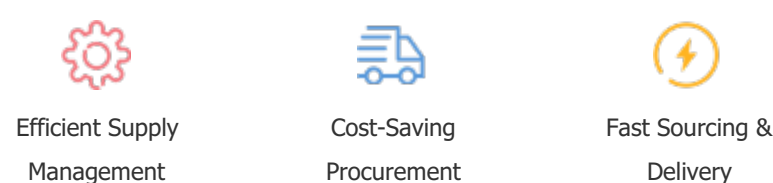
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

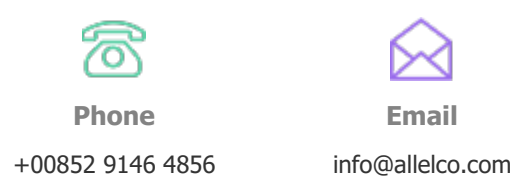
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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