

Image may be representation.
See specifications for product details.



VN750PEP-E

Manufacturer Part Number	VN750PEP-E
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VN750PEP-E
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRVR N-CHAN 1:1 PWRSSO12
Package	PowerSSO-12
Data sheet	VN750PEP-E.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VN750PEP-E - STMicroelectronics.New Original in Stock. Download Linear Technology VN750PEP-E datasheet/specifications on AllelcoElec.com.
Request a quote for VN750PEP-E, please send us email: info@allelco.com

Specifications

VN750PEP-E Tech Specifications

VN750PEP-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	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PowerSSO-12™	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	PowerSSO-12	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 VN750PEP-E

Product Attribute				
Part Number	VN750PEP-E	VN750PSTR-E	VN7140AJTR	VN750SM
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Rds On (Typ)	60mOhm (Max)	60mOhm (Max)	140mOhm	55mOhm (Max)
Ratio - Input:Output	1:1	1:1	1:1	1:1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Voltage - Load	5.5V ~ 36V	5.5V ~ 36V	4V ~ 28V	5.5V ~ 36V
Supplier Device Package	PowerSSO-12™	8-SOIC	PowerSSO-16	8-SOIC
Output Configuration	High Side	High Side	High Side	High Side
Features	Auto Restart, Status Flag	Auto Restart, Status Flag	Auto Restart, Status Flag	Auto Restart, Status Flag
Current - Output (Max)	6A	6A	8A	6A
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Base Product Number	VN750	VN750	VN7140	VN750
Package / Case	PowerSSO-12	8-SOIC (0.154", 3.90mm Width)	16-PowerLFSOP (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Fault Protection	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, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Number of Outputs	1	1	1	1
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Series	VIPower™	VIPower™	VIPower™	VIPower™
Interface	On/Off	On/Off	On/Off	On/Off

Customers Also Interested in

Recommended Products



VN750PSTR-E

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



VN7140AS

STMicroelectronics



VN7140AJTR

STMicroelectronics
IC PWR DRVR N-CHAN 1:1 PWRSSO16



VN750-B513TR-E

STMicroelectronics



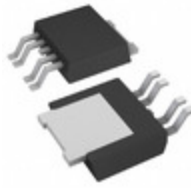
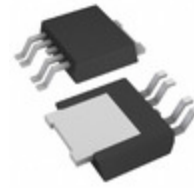
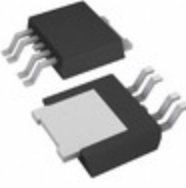
VN750SM

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



VN7140ASTR

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

**VN7140AJTR-E**STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO16**VN750B5TR-E**STMicroelectronics
IC PWR DRIVER N-CHAN 1:1 P2PAK**VN750PT13TR**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
PPAK**VN750PT**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
PPAK**VN750-B5**STMicroelectronics
IC PWR DRIVER N-CHAN 1:1 P2PAK**VN750-B513TR**STMicroelectronics
IC PWR DRIVER N-CHAN 1:1 P2PAK**VN750PTTR-E**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
PPAK**VN750PEPTR-E**STMicroelectronics
IC PWR DRVR N-CHAN 1:1
PWRSSO12**VN7140ASTR-E**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 8SO**VN750PEP**

STMicroelectronics

**VN750S**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 8SO**VN750PT-E**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
PPAK

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

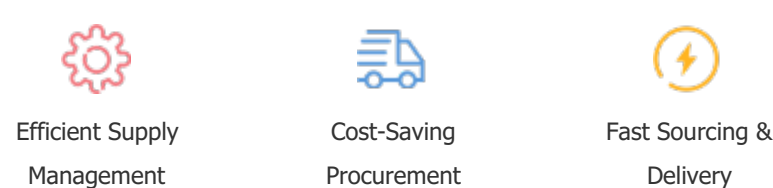
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

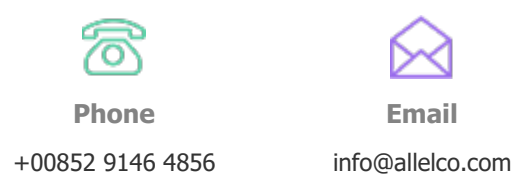
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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