



Image may be representation.
See specifications for product details.



VN750STR-E

Manufacturer Part Number	VN750STR-E
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VN750STR-E
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRIVER N-CHANNEL 1:1 8SO
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	VN750STR-E.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VN750STR-E - STMicroelectronics.New Original in Stock. Download Linear Technology VN750STR-E datasheet/specifications on AllelcoElec.com.
Request a quote for VN750STR-E, please send us email: info@allelco.com

Specifications

VN750STR-E Tech Specifications

VN750STR-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	8-SOIC	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	8-SOIC (0.154', 3.90mm Width)	Current - Output (Max)	6A
Package	Tape & Reel (TR)	Base Product Number	VN750
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VN750STR-E

Product Attribute				
Part Number	VN750STR-E	VN750PT	VN750PT-E	VN751PT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	VIPower™	VIPower™	VIPower™	VIPower™
Rds On (Typ)	60mOhm (Max)	60mOhm (Max)	60mOhm (Max)	60mOhm
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Base Product Number	VN750	VN750	VN750	VN751
Ratio - Input:Output	1:1	1:1	1:1	1:1
Number of Outputs	1	1	1	1
Package	Tape & Reel (TR)	Tube	Tube	Tube
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
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
Voltage - Load	5.5V ~ 36V	5.5V ~ 36V	5.5V ~ 36V	5.5V ~ 36V
Supplier Device Package	8-SOIC	PPAK	PPAK	PPAK
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	Current Limiting (Fixed), Over Temperature, Over Voltage
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Package / Case	8-SOIC (0.154', 3.90mm Width)	TO-252-5, DPak (4 Leads + Tab), TO-252AD	TO-252-5, DPak (4 Leads + Tab), TO-252AD	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Interface	On/Off	On/Off	On/Off	On/Off
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Current - Output (Max)	6A	6A	6A	2.5A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required

Customers Also Interested in

Recommended Products



VN750PT

STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
PPAK



VN750PT-E

STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
PPAK



VN751PT

STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
PPAK



VN750S

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



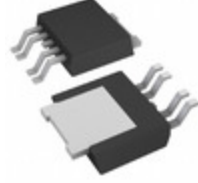
VN751STR

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

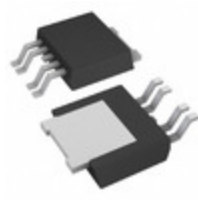


VN751S

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

**VN770K**STMicroelectronics
IC HALF BRIDGE DRIVER 9A 28SO**VN750PT13TR**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 PPAK**VN750SM**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 8SO**VN750SMPTR-E**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 8SO**VN770K13TR**STMicroelectronics
IC HALF BRIDGE DRIVER 9A 28SO**VN770KP-E**STMicroelectronics
IC HALF BRIDGE DRIVER 9A 28SO**VN750SM13TR**

STMicroelectronics

**VN751PT13TR**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 PPAK**VN770KPTR-E**STMicroelectronics
IC HALF BRIDGE DRIVER 9A 28SO**VN750PSTR-E**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 8SO**VN750PTTR-E**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1 PPAK**VN750S13TR**

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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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