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See specifications for product details.



VN750PT13TR

Manufacturer Part Number	VN750PT13TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VN750PT13TR
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRIVER N-CHANNEL 1:1 PPAK
Package	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Data sheet	VN750-E.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VN750PT13TR - STMicroelectronics.New Original in Stock. Download Linear Technology VN750PT13TR datasheet/specifications on AllelcoElec.com.
Request a quote for VN750PT13TR, please send us email: info@allelco.com

Specifications

VN750PT13TR Tech Specifications

VN750PT13TR - 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	PPAK	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	TO-252-5, DPak (4 Leads + Tab), TO-252AD	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 VN750PT13TR

Product Attribute				
Part Number	VN750PT13TR	VN750STR-E	VN750-B513TR	VN750SMPTR-E
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	VN750	VN750	VN750	VN750
Output Configuration	High Side	High Side	High Side	High Side
Rds On (Typ)	60mOhm (Max)	60mOhm (Max)	60mOhm (Max)	55mOhm (Max)
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Number of Outputs	1	1	1	1
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Series	VIPower™	VIPower™	VIPower™	VIPower™
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
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), Open Load Detect, Over Temperature, Over Voltage
Supplier Device Package	PPAK	8-SOIC	P2PAK	8-SO
Ratio - Input:Output	1:1	1:1	1:1	1:1
Interface	On/Off	On/Off	On/Off	On/Off
Features	Auto Restart, Status Flag	Auto Restart, Status Flag	Auto Restart, Status Flag	Auto Restart, Status Flag
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Load	5.5V ~ 36V	5.5V ~ 36V	5.5V ~ 36V	5.5V ~ 36V
Current - Output (Max)	6A	6A	6A	6A
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD	8-SOIC (0.154', 3.90mm Width)	P2PAK (4 Leads + Tab)	8-SOIC (0.154', 3.90mm Width)

VN750PT13TR Datasheet PDF

Download VN750PT13TR pdf datasheets and STMicroelectronics documentation for VN750PT13TR - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products

					
VN750STR-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 8SO	VN750-B513TR STMicroelectronics IC PWR DRIVER N-CHAN 1:1 P2PAK	VN750SMPTR-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 8SO	VN750B5TR-E STMicroelectronics IC PWR DRIVER N-CHAN 1:1 P2PAK	VN750SM13TR STMicroelectronics	VN750PT STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 PPAK
					
VN750SM STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 8SO	VN750-B513TR-E STMicroelectronics	VN750PEPTR-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO12	VN750S STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 8SO	VN751PT STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 PPAK	VN751PT13TR STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 PPAK
					
VN750S13TR STMicroelectronics	VN750PT-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 PPAK	VN750PSTR-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 8SO	VN750PEP-E STMicroelectronics IC PWR DRVR N-CHAN 1:1 PWRSSO12	VN750PEP STMicroelectronics	VN750PTTR-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.

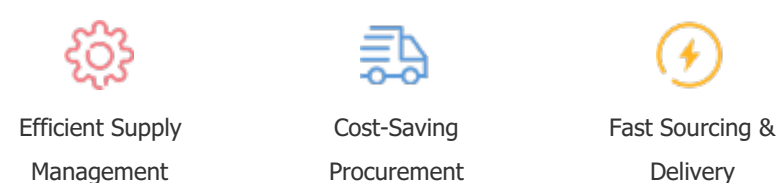
Contact us if you have any questions.

Payment Support

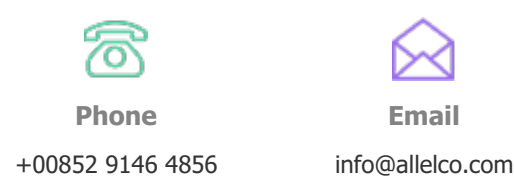
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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