



#### **VND14NV04TR-E Information**



For Reference Only

Part Number VND14NV04TR-E

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

**Description**MOSFET OMNIFET 40V 12A DPAK**Package**TO-252-3, DPak (2 Leads + Tab), SC-63

For the pricing/inventory/lead time, please contact

us

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## **VND14NV04TR-E Specifications**

Manufacturer Part Number         VND14NV04TR-E           Manufacturer         STMicroelectronics           Category         Integrated Circuits (ICs)           Package         TO-252-3, DPak (2 Leads + Tab), SC-63           Series         OMNIFET II?, VIPower?           Switch Type         General Purpose           Number of Outputs         1           Ratio - Input:Output         1:1           Output Configuration         Low Side           Output Type         N-Channel           Interface         On/Off           Voltage - Load         36V (Max)           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         12A           Rds On (Typ)         35 mOhm (Max)           Input Type         Non-Inverting           Features         -           Foresting Temperature         -40°C ~ 150°C (TI)           Package / Case         TO-252		
Category         Integrated Circuits (ICs)           PMIC - Power Distribution Switches, Load Drivers           Package         TO-252-3, DPak (2 Leads + Tab), SC-63           Series         OMNIFET II?, VIPower?           Switch Type         General Purpose           Number of Outputs         1           Ratio - Input:Output         1:1           Output Configuration         Low Side           Output Type         N-Channel           Interface         On/Off           Voltage - Load         36V (Max)           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         12A           Rds On (Typ)         35 mOhm (Max)           Input Type         Non-Inverting           Features         -           Fault Protection         Current Limiting (Fixed), Over Temperature, Over Voltage           Operating Temperature         -40°C ~ 150°C (TJ)           Package / Case         TO-252-3, DPak (2 Leads + Tab), SC-63           Supplier Device Package         D-Pak	Manufacturer Part Number	VND14NV04TR-E
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Output Type N-Channel Interface On/Off  Voltage - Load 36V (Max)  Voltage - Supply (Vcc/Vdd) Not Required  Current - Output (Max) 12A  Rds On (Typ) 35 mOhm (Max)  Input Type Non-Inverting  Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage  Operating Temperature -40°C ~ 150°C (TJ)  Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63  Supplier Device Package D-Pak	Ratio - Input:Output	1:1
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Voltage - Load  Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  12A  Rds On (Typ)  35 mOhm (Max)  Input Type  Non-Inverting  Features  - Fault Protection  Current Limiting (Fixed), Over Temperature, Over Voltage  Operating Temperature  -40°C ~ 150°C (TJ)  Package / Case  TO-252-3, DPak (2 Leads + Tab), SC-63  Supplier Device Package  D-Pak	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  12A  Rds On (Typ)  35 mOhm (Max)  Input Type  Non-Inverting  Features  - Fault Protection  Current Limiting (Fixed), Over Temperature, Over Voltage  Operating Temperature  -40°C ~ 150°C (TJ)  Package / Case  TO-252-3, DPak (2 Leads + Tab), SC-63  Supplier Device Package  D-Pak	Interface	On/Off
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Input Type Non-Inverting  Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage  Operating Temperature -40°C ~ 150°C (TJ)  Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63  Supplier Device Package D-Pak	Current - Output (Max)	12A
Features - Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ) Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Rds On (Typ)	35 mOhm (Max)
Fault Protection  Current Limiting (Fixed), Over Temperature, Over Voltage  Operating Temperature  -40°C ~ 150°C (TJ)  Package / Case  TO-252-3, DPak (2 Leads + Tab), SC-63  Supplier Device Package  D-Pak	Input Type	Non-Inverting
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Package / Case $\text{TO-}252\text{-}3$ , DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Features	-
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Supplier Device Package D-Pak	Operating Temperature	-40°C ~ 150°C (TJ)
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report errors?	Supplier Device Package	D-Pak
		Report errors?

#### **VND14NV04TR-E Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

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## **VND14NV04TR-E Payment Methods**





















## **VND14NV04TR-E Shipping Methods**













If you have any question about VND14NV04TR-E, please do not hesitate to contact us!

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