



VND14NV04-1-E Information



For Reference Only

Part Number VND14NV04-1-E

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

DescriptionMOSFET OMNIFET 40V 12A IPAK**Package**TO-251-3 Short Leads, IPak, TO-251AA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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VND14NV04-1-E Specifications

Manufacturer Part Number VND14NV04-1-E Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package TO-251-3 Short Leads, IPak, TO-251AA Series OMNIFET III?, 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-251-3 Short Leads, IPak, TO-251AA Supplier Device Package I-Pak		
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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-251-3 Short Leads, IPak, TO-251AA Supplier Device Package I-Pak	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 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-251-3 Short Leads, IPak, TO-251AA Supplier Device Package I-Pak	Interface	On/Off
Current - Output (Max) 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-251-3 Short Leads, IPak, TO-251AA Supplier Device Package I-Pak	Voltage - Load	36V (Max)
Rds On (Typ) Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package I-Pak	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package I-Pak	Current - Output (Max)	12A
Features - Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package I-Pak	Rds On (Typ)	35 mOhm (Max)
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Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package I-Pak	Features	-
Package / Case TO-251-3 Short Leads, IPak, TO-251AA Supplier Device Package I-Pak	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Supplier Device Package I-Pak	Operating Temperature	-40°C ~ 150°C (TJ)
	Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Report errors?	Supplier Device Package	I-Pak
		Report errors?

VND14NV04-1-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.

Our experienced sales team and tech support team back our services to satisfy all our customers.

VND14NV04-1-E Payment Methods





















VND14NV04-1-E Shipping Methods













If you have any question about VND14NV04-1-E, please do not hesitate to contact us!

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