



VNS7NV04PTR-E Information



For Reference Only

Part Number VNS7NV04PTR-E

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

DescriptionIC MOSFET OMNIFET II 8-SOICPackage8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









VNS7NV04PTR-E Specifications

Manufacturer Part Number VNS7NV04PTR-E Manufacturer STMicroelectronics Category Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package 8-SOIC (0.154", 3.90mm Width) Series OMNIFET IP, 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) 6A Rds On (Typ) 65 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO		
Category Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package 8-SOIC (0.154", 3.90mm Width) 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) 6A Rds On (Typ) 65 mOhm (Max) Input Type Non-Inverting Features - Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Manufacturer Part Number	VNS7NV04PTR-E
Package 8-SOIC (0.154", 3.90mm Width) Series OMNIFET II?, VIPower? Switch Type General Purpose Number of Outputs 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) 6A Rds On (Typ) 65 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Manufacturer	STMicroelectronics
Package8-SOIC (0.154", 3.90mm Width)SeriesOMNIFET II?, VIPower?Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load36V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)65 mOhm (Max)Input TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SO	Category	Integrated Circuits (ICs)
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) 6A Rds On (Typ) 65 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO		PMIC - Power Distribution Switches, Load Drivers
Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load36V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)65 mOhm (Max)Input TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SO	Package	8-SOIC (0.154", 3.90mm Width)
Number of Outputs Ratio - Input:Output 1:1 Output Configuration Low Side Output Type N-Channel Interface On/Off Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 6A Rds On (Typ) 65 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Series	OMNIFET II?, VIPower?
Ratio - Input:Output Output Configuration Low Side Output Type N-Channel Interface On/Off Voltage - Load 36V (Max) Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 6A Rds On (Typ) 65 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Switch Type	General Purpose
Output Configuration Output Type N-Channel Interface On/Off Voltage - Load 36V (Max) Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 6A Rds On (Typ) 65 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Number of Outputs	1
Output TypeN-ChannelInterfaceOn/OffVoltage - Load36V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)6ARds On (Typ)65 mOhm (Max)Input TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SO	Ratio - Input:Output	1:1
Interface On/Off Voltage - Load 36V (Max) Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 6A Rds On (Typ) 65 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Output Configuration	Low Side
Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 6A Rds On (Typ) 65 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd) Current - Output (Max) 6A Rds On (Typ) 65 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Interface	On/Off
Current - Output (Max) Rds On (Typ) 65 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Voltage - Load	36V (Max)
Rds On (Typ) 65 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Current - Output (Max)	6A
Features - Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Rds On (Typ)	65 mOhm (Max)
Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage -40°C ~ 150°C (TJ) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Input Type	Non-Inverting
Operating Temperature -40°C ~ 150°C (TJ) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Features	-
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Supplier Device Package 8-SO	Operating Temperature	-40°C ~ 150°C (TJ)
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SO
		Report errors?

VNS7NV04PTR-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.

VNS7NV04PTR-E Payment Methods



















VNS7NV04PTR-E Shipping Methods













If you have any question about VNS7NV04PTR-E, please do not hesitate to contact us!

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