



VNP10N07-E Information



For Reference Only

Part Number VNP10N07-E
Manufacturer STMicroelectronics
Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description MOSFET OMNIFET 70V 10A TO-220

Package TO-220-3

For the pricing/inventory/lead time, please contact

us

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



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VNP10N07-E Specifications

Manufacturer Part Number VNP10N07-E Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package TO-220-3 Series OMNIFET?, 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 55V (Max) Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 7A Rds On (Typ) 100 mOhm (Max) Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature - Package / Case TO-220-3 Supplier Device Package TO-220AB		
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Number of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load55V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)7ARds On (Typ)100 mOhm (Max)Input TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-Package / CaseTO-220-3Supplier Device PackageTO-220AB	Series	OMNIFET?, VIPower?
Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load55V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)7ARds On (Typ)100 mOhm (Max)Input TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-Package / CaseTO-220-3Supplier Device PackageTO-220AB	Switch Type	General Purpose
Output Configuration Output Type N-Channel Interface On/Off Voltage - Load S5V (Max) Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) 100 mOhm (Max) Input Type Non-Inverting Features Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature Package / Case TO-220-3 Supplier Device Package To-220AB	Number of Outputs	1
Output TypeN-ChannelInterfaceOn/OffVoltage - Load55V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)7ARds On (Typ)100 mOhm (Max)Input TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-Package / CaseTO-220-3Supplier Device PackageTO-220AB	Ratio - Input:Output	1:1
Interface On/Off Voltage - Load 55V (Max) Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 7A Rds On (Typ) 100 mOhm (Max) Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature - Package / Case TO-220-3 Supplier Device Package TO-220AB	Output Configuration	Low Side
Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 7A Rds On (Typ) 100 mOhm (Max) Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature Package / Case TO-220-3 Supplier Device Package TO-220AB	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd) Current - Output (Max) Rds On (Typ) 100 mOhm (Max) Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature - Package / Case TO-220-3 Supplier Device Package TO-220AB	Interface	On/Off
Current - Output (Max) Rds On (Typ) 100 mOhm (Max) Input Type Non-Inverting Features - Fault Protection Operating Temperature Operating Temperature Package / Case TO-220-3 Supplier Device Package 7A 100 mOhm (Max) Non-Inverting Current Limiting (Fixed), Over Temperature, Over Voltage TO-220-3 TO-220AB	Voltage - Load	55V (Max)
Rds On (Typ) 100 mOhm (Max) Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature - Package / Case TO-220-3 Supplier Device Package TO-220AB	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature - Package / Case TO-220-3 Supplier Device Package TO-220AB	Current - Output (Max)	7A
Features - Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature - Package / Case TO-220-3 Supplier Device Package TO-220AB	Rds On (Typ)	100 mOhm (Max)
Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature Package / Case TO-220-3 Supplier Device Package TO-220AB	Input Type	Non-Inverting
Operating Temperature - Package / Case TO-220-3 Supplier Device Package TO-220AB	Features	-
Package / Case TO-220-3 Supplier Device Package TO-220AB	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Supplier Device Package TO-220AB	Operating Temperature	-
	Package / Case	TO-220-3
Report errors?	Supplier Device Package	TO-220AB
		Report errors?

VNP10N07-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.

VNP10N07-E Payment Methods



















VNP10N07-E Shipping Methods













If you have any question about VNP10N07-E, please do not hesitate to contact us!

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