



VNP35N07FI Information



For Reference Only

Part Number VNP35N07FI
Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description MOSFET POWER 70V 35A ISOWATT220

Package ISOWATT-220-3

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.









VNP35N07FI Specifications

Manufacturer Part NumberVNP35N07FIManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)PackageISOWATT-220-3SeriesOMNIFET?, VIPower?Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load55V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)25ARds On (Typ)280 mOhm (Max)Input TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-Package / CaseISOWATT-220-3Supplier Device PackageISOWATT-220	-	
Category Integrated Circuits (ICs) PACKAGE ISOWATT-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) 25A Rds On (Typ) 280 mOhm (Max) Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature - Package / Case ISOWATT-220-3 Supplier Device Package ISOWATT-220	Manufacturer Part Number	VNP35N07FI
Package ISOWATT-220-3 Series OMNIFET?, VIPower? Switch Type General Purpose Number of Outputs 1:1 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) 25A Rds On (Typ) 280 mOhm (Max) Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature Package / Case ISOWATT-220-3 Supplier Device Package ISOWATT-220 OMNIFET?, VIPower? Sender Distribution Switches, Load Drivers OMNIFET?, VIPower? Sender Distribution Switches, Load Drivers OMNIFET?, VIPower? Supplier Device Package ISOWATT-220-3 Supplier Device Package ISOWATT-220	Manufacturer	STMicroelectronics
PackageISOWATT-220-3SeriesOMNIFET?, VIPower?Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load55V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)25ARds On (Typ)280 mOhm (Max)Input TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-Package / CaseISOWATT-220-3Supplier Device PackageISOWATT-220	Category	Integrated Circuits (ICs)
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) 25A Rds On (Typ) 280 mOhm (Max) Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature - Package / Case ISOWATT-220-3 Supplier Device Package ISOWATT-220		PMIC - Power Distribution Switches, Load Drivers
Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load55V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)25ARds On (Typ)280 mOhm (Max)Input TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-Package / CaseISOWATT-220-3Supplier Device PackageISOWATT-220	Package	ISOWATT-220-3
Number of Outputs1Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load55V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)25ARds On (Typ)280 mOhm (Max)Input TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-Package / CaseISOWATT-220-3Supplier Device PackageISOWATT-220	Series	OMNIFET?, VIPower?
Ratio - Input:Output1:1Output ConfigurationLow SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load55V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)25ARds On (Typ)280 mOhm (Max)Input TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-Package / CaseISOWATT-220-3Supplier Device PackageISOWATT-220	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) 280 mOhm (Max) Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature Package / Case ISOWATT-220-3 Supplier Device Package ISOWATT-220	Number of Outputs	1
Output TypeN-ChannelInterfaceOn/OffVoltage - Load55V (Max)Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)25ARds On (Typ)280 mOhm (Max)Input TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-Package / CaseISOWATT-220-3Supplier Device PackageISOWATT-220	Ratio - Input:Output	1:1
Interface On/Off Voltage - Load 55V (Max) Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 25A Rds On (Typ) 280 mOhm (Max) Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature Package / Case ISOWATT-220-3 Supplier Device Package ISOWATT-220	Output Configuration	Low Side
Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 25A Rds On (Typ) 280 mOhm (Max) Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature Package / Case ISOWATT-220-3 Supplier Device Package ISOWATT-220	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd) Current - Output (Max) 25A Rds On (Typ) 280 mOhm (Max) Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature - Package / Case Supplier Device Package ISOWATT-220-3 ISOWATT-220	Interface	On/Off
Current - Output (Max) Rds On (Typ) 280 mOhm (Max) Input Type Non-Inverting Features Status Flag Fault Protection Operating Temperature Operating Temperature Package / Case Supplier Device Package ISOWATT-220-3 ISOWATT-220-3	Voltage - Load	55V (Max)
Rds On (Typ) 280 mOhm (Max) Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature Package / Case ISOWATT-220-3 Supplier Device Package ISOWATT-220	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature Package / Case ISOWATT-220-3 Supplier Device Package ISOWATT-220	Current - Output (Max)	25A
Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature - Package / Case ISOWATT-220-3 Supplier Device Package ISOWATT-220	Rds On (Typ)	280 mOhm (Max)
Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature Package / Case ISOWATT-220-3 Supplier Device Package ISOWATT-220	Input Type	Non-Inverting
Operating Temperature - Package / Case ISOWATT-220-3 Supplier Device Package ISOWATT-220	Features	Status Flag
Package / Case ISOWATT-220-3 Supplier Device Package ISOWATT-220	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Supplier Device Package ISOWATT-220	Operating Temperature	-
	Package / Case	ISOWATT-220-3
Report errors?	Supplier Device Package	ISOWATT-220
		Report errors?

VNP35N07FI 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.

VNP35N07FI Payment Methods



















VNP35N07FI Shipping Methods













If you have any question about VNP35N07FI, please do not hesitate to contact us!

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