

VND10B(011Y)

VND10B(011Y) Information

www.theisenen.com	VND10B(011Y) STMicroelectronics Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers IC SMART PWR SSR 2CH PENTAWATT-5 Pentawatt-5 (Horizontal, Bent and Staggered Leads) For the pricing/inventory/lead time, please contact us Wakeita: https://www.baiseene.com	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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VND10B(011Y) Specifications

Manufacturer STMicroelectronics Category Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers PMIC - Power Distribution Switches, Load Drivers Package Pentawatt-5 (Horizontal, Bent and Staggered Leads) Series - Switch Type General Purpose Switch Type General Purpose Number of Outputs 2 Ratio - Input:Output 1:1 Dutput Configuration High Side Dutput Type N-Channel Output Type On/Off Voltage - Load 6 V ~ 26 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 3.4A Rds On (Typ) 100 mOhm (Max) Input Type Non-Inverting Features Status Flag Fault Protection Open Load Detect, Over Temperature Oper Load Petect, Over Temperature -40°C ~ 150°C (TJ) Package / Case Pentawatt-5 (Horizontal, Bent and Staggered Leads)		
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Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load6 V ~ 26 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3.4ARds On (Typ)100 mOhm (Max)Input TypeNon-InvertingFeaturesStatus FlagFault ProtectionOpen Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CaseS-PENTAWATT	Switch Type	General Purpose
Dutput ConfigurationHigh SideDutput TypeN-ChannelOutput TypeOn/OffInterfaceOn/OffVoltage - Load $6 V \sim 26 V$ Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max) $3.4A$ Rds On (Typ)100 mOhm (Max)Input TypeNon-InvertingFeaturesStatus FlagFault ProtectionOpen Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CaseSepInier Device PackageSupplier Device Package5-PENTAWATT	Number of Outputs	2
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InterfaceOn/OffVoltage - Load6 V ~ 26 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3.4ARds On (Typ)100 mOhm (Max)Input TypeNon-InvertingFeaturesStatus FlagFault ProtectionOpen Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CasePentawatt-5 (Horizontal, Bent and Staggered Leads)Supplier Device Package5-PENTAWATT	Output Configuration	High Side
Voltage - Load6 V ~ 26 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3.4ARds On (Typ)100 mOhm (Max)Input TypeNon-InvertingFeaturesStatus FlagFault ProtectionOpen Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CasePentawatt-5 (Horizontal, Bent and Staggered Leads)Supplier Device Package5-PENTAWATT	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3.4ARds On (Typ)100 mOhm (Max)Input TypeNon-InvertingFeaturesStatus FlagFault ProtectionOpen Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CasePentawatt-5 (Horizontal, Bent and Staggered Leads)Supplier Device Package5-PENTAWATT	Interface	On/Off
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Input TypeNon-InvertingFeaturesStatus FlagFault ProtectionOpen Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CasePentawatt-5 (Horizontal, Bent and Staggered Leads)Supplier Device Package5-PENTAWATT	Current - Output (Max)	3.4A
FeaturesStatus FlagFault ProtectionOpen Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CasePentawatt-5 (Horizontal, Bent and Staggered Leads)Supplier Device Package5-PENTAWATT	Rds On (Typ)	100 mOhm (Max)
Fault ProtectionOpen Load Detect, Over TemperatureOperating Temperature-40°C ~ 150°C (TJ)Package / CasePentawatt-5 (Horizontal, Bent and Staggered Leads)Supplier Device Package5-PENTAWATT	Input Type	Non-Inverting
Deperating Temperature-40°C ~ 150°C (TJ)Package / CasePentawatt-5 (Horizontal, Bent and Staggered Leads)Supplier Device Package5-PENTAWATT	Features	Status Flag
Package / Case Pentawatt-5 (Horizontal, Bent and Staggered Leads) Supplier Device Package 5-PENTAWATT	Fault Protection	Open Load Detect, Over Temperature
Supplier Device Package 5-PENTAWATT	Operating Temperature	-40°C ~ 150°C (TJ)
	Package / Case	Pentawatt-5 (Horizontal, Bent and Staggered Leads)
Report errors?	Supplier Device Package	5-PENTAWATT
		Report errors?

VND10B(011Y) 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.

VND10B(011Y) Payment Methods





If you have any question about VND10B(011Y), please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com