



VN31SP Information



For Reference Only

Part Number VN31SP

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description IC SMART PWR SSR ISO 10-POWERSO

 Package
 PowerSO-10 Exposed Bottom Pad

For the pricing/inventory/lead time, please contact

us

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



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VN31SP Specifications

Manufacturer Part Number VN31SP Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package Power Distribution Switches, Load Drivers Package PowerSO-10 Exposed Bottom Pad Series - Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 5.5 V ~ 26 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 31 A Rds On (Typ) 30 mOhm (Max) Input Type Non-Inverting Features Status Flag Fault Protection Open Load Detect, Over Temperature Operating Temperature -40°C ~ 150°C (TJ) Package / Case PowerSO-10 Exposed Bottom Pad Supplier Device Package 10-PowerSO	•	
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Current - Output (Max) Rds On (Typ) 30 mOhm (Max) Input Type Non-Inverting Features Status Flag Fault Protection Open Load Detect, Over Temperature Operating Temperature -40°C ~ 150°C (TJ) Package / Case PowerSO-10 Exposed Bottom Pad Supplier Device Package	Voltage - Load	5.5 V ~ 26 V
Rds On (Typ) 30 mOhm (Max) Input Type Non-Inverting Features Status Flag Fault Protection Open Load Detect, Over Temperature Operating Temperature -40°C ~ 150°C (TJ) Package / Case PowerSO-10 Exposed Bottom Pad Supplier Device Package 10-PowerSO	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features Status Flag Open Load Detect, Over Temperature Operating Temperature -40°C ~ 150°C (TJ) Package / Case PowerSO-10 Exposed Bottom Pad Supplier Device Package 10-PowerSO	Current - Output (Max)	31A
Features Status Flag Fault Protection Open Load Detect, Over Temperature Operating Temperature -40°C ~ 150°C (TJ) Package / Case PowerSO-10 Exposed Bottom Pad Supplier Device Package 10-PowerSO	Rds On (Typ)	30 mOhm (Max)
Fault Protection Open Load Detect, Over Temperature Operating Temperature -40°C ~ 150°C (TJ) Package / Case PowerSO-10 Exposed Bottom Pad Supplier Device Package 10-PowerSO	Input Type	Non-Inverting
Operating Temperature -40°C ~ 150°C (TJ) Package / Case PowerSO-10 Exposed Bottom Pad Supplier Device Package 10-PowerSO	Features	Status Flag
Package / Case PowerSO-10 Exposed Bottom Pad Supplier Device Package 10-PowerSO	Fault Protection	Open Load Detect, Over Temperature
Supplier Device Package 10-PowerSO	Operating Temperature	-40°C ~ 150°C (TJ)
	Package / Case	PowerSO-10 Exposed Bottom Pad
Report errors?	Supplier Device Package	10-PowerSO
		Report errors?

VN31SP 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.

VN31SP Payment Methods





















VN31SP Shipping Methods













If you have any question about VN31SP, please do not hesitate to contact us!

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