



### VN16BSP

Part Number: **VN16BSP**  
 Product Description: IC SSR HIGHSIDE POWERSO-10  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [VN16BSP.pdf](#)

Manufacturer/Brand: STMicroelectronics  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	VN16BSP	<b>Manufacturer</b>	STMicroelectronics
<b>Description</b>	IC SSR HIGHSIDE POWERSO-10	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	VN16BSP.pdf		
<b>Voltage - Supply (Vcc/Vdd)</b>	Not Required	<b>Voltage - Load</b>	6 V ~ 26 V
<b>Switch Type</b>	General Purpose	<b>Supplier Device Package</b>	10-PowerSO
<b>Series</b>	-	<b>Rds On (Typ)</b>	60 mOhm (Max)
<b>Ratio - Input:Output</b>	1:1	<b>Packaging</b>	Tube
<b>Package / Case</b>	PowerSO-10 Exposed Bottom Pad	<b>Output Type</b>	N-Channel
<b>Output Configuration</b>	High Side	<b>Operating Temperature</b>	-40°C ~ 150°C (TJ)
<b>Number of Outputs</b>	1	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Interface</b>	On/Off
<b>Input Type</b>	Non-Inverting	<b>Features</b>	Status Flag
<b>Fault Protection</b>	Open Load Detect, Over Temperature	<b>Current - Output (Max)</b>	20A
<b>Base Part Number</b>	VN16		

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