

VND7E050AJTR

est a Quote

VND7E050AJTR Information

Part Number	VND7E050AJTR	
Manufacturer	STMicroelectronics	
Category	Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers	1
Description	DOUBLE-CHANNEL HSD WITH CURRENT	- 23
Package	16-PowerLFSOP (0.154", 3.90mm Width)	
	For the pricing/inventory/lead time, please contact	
	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Req
	Manufacturer Category Description	PMIC - Power Distribution Switches, Load DriversDescriptionDOUBLE-CHANNEL HSD WITH CURRENTPackage16-PowerLFSOP (0.154", 3.90mm Width)For the pricing/inventory/lead time, please contactusWebsite: https://www.heisener.com

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.



VND7E050AJTR Specifications

Manufacturer STMicroelectronics Category Integrated Circuits (ICs) PAckage 16-Power Distribution Switches, Load Drivers Package 16-Power Distribution Switches, Load Drivers Switch Type Automotive, AEC-Q100, VIPOWER TM Switch Type General Purpose Number of Outputs 2 Ratio - Input:Output 1:1 Output Configuration High Side Output Type N-Channel Interface - Voltage - Load 4V ~ 28V Voltage - Supply (Vccc) 9A Rds On (Typ) SomOhm Input Type Non-Inverting Features Auto Restart, Status Flag Current Liniting (Eiged) Open Load Datect Over Temperature Over Voltage Short Circuit			
CategoryIntegrated Circuits (ICS)PMIC - Power Distribution Switches, Load DriversPackage16-Power Distribution Switches, Load DriversPackage16-Power Distribution Switches, Load DriversSwitch TypeAutomotive, AEC-Q100, VIPOWER™Switch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelNuterface-Voltage - Load4V ~ 28VVoltage - Supply (Vcc)-Voltage - Supply (Vcc)-SonOhmSonOhmInput TypeNon-InvertingFeaturesAuto Restart, Status FlagFourter 1UvLOOperating Temperature-40°C ~ 150°C (TJ)Package / Case16-PowerLSOP (0.154", 3.90mm Width)Supplier Device PackagePowerSSO-16	Manufacturer Part Number	VND7E050AJTR	
PMC - Power Distribution Switches, Load DriversPackage16-PowerLFSOP (0.154", 3.90mm Width)SeriesAutomotive, AEC-Q100, VIPOWER TM Switch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterface-Voltage - Load4V ~ 28VVoltage - Supply (Vcc Vdd)-Output Type0Interface-Current - Output (Max)9ARads On (Typ)50mOhmInput TypeNon-InvertingFeaturesAuto Restart, Status FlagFault Protection40°C ~ 150°C (TJ)Package / Case16-PowerLFSOP (0.154", 3.90mm Width)Supplier Device PackagePowerSSO-16	Manufacturer	STMicroelectronics	
Package16-PowerLFSOP (0.154", 3.90mm Width)SeriesAutomotive, AEC-Q100, VIPOWERTMSwitch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1.1Output ConfigurationHigh SideOutput TypeN-ChannelInterface-Voltage - Load4V ~ 28VVoltage - Supply (Vcc)9Output Type9Output Type9Output Type9Output Configuration9Surrent - Output Max)9PactageMon InvertingInput TypeNon-InvertingFauturesAuto Restart, Status FlagOperating Temperature-urent_Linuiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, Short Circuit, UVLOOperating Temperature-o°C ~ 150°C (TJ)Package / Case16-PowerLFSOP (0.154", 3.90mm Width)Supplier Device PackagePowerSO-16	Category	Integrated Circuits (ICs)	
SeriesAutomotive, AEC-Q100, VIPOWER™Switch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterface-Voltage - Load4V ~ 28VVoltage - Supply (Vcc)-Voltage - Supply (Vcc)-Autonotium9ARds On (Typ)SomOhmInterfaceSomOhmInput TypeNon-InvertingRds On (Typ)SomOhmFeaturesAuto Restart, Status FlagFull Protection-Operating Temperature-40°C ~ 150°C (TJ)Package / CaseGowerSD-16Supplier Device PackageFowerSD-16		PMIC - Power Distribution Switches, Load Drivers	
Switch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterface-Voltage - Load4V ~ 28VVoltage - Supply (Vcc Vdd)-Output Type9ARds On (Typ)SomOhmInput TypeNon-InvertingFeaturesAuto Restart, Status FlagFault Protection-Operating Temperature-40°C ~ 150°C (TJ)Package / CaseFowerLFSOP (0.154", 3.90mm Width)Supplier Device PackagePowerSSO-16	Package	16-PowerLFSOP (0.154", 3.90mm Width)	
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Ratio - Input: Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterface-Voltage - Load4V ~ 28VVoltage - Supply (Vcc Vdd)-Output Maxnow9ARds On (Typ)SomOhmInput TypeNon-InvertingFeaturesAtto Restart, Status FlagFault Protection-Operating Temperature-40°C ~ 150°C (TJ)Package / CasePowerSSOF (0.154", 3.90mm Width)Supplier Device PackagePowerSSO-16	Switch Type	General Purpose	
Output ConfigurationHigh SideOutput TypeN-ChannelInterface-Voltage - Load4V ~ 28VVoltage - Supply (Vcc Vdd)-Sourcet - Output (Max)9ARds On (Typ)SomOhmInput TypeNon-InvertingFeaturesAuto Restart, Status FlagFault Protection-Operating Temperature-40°C ~ 150°C (TJ)Package / CaseIowerJESOP (0.154", 3.90mm Width)Supplier Device PackagePowerSSO-16	Number of Outputs	2	
Output TypeN-ChannelInterface-Voltage - Load4V ~ 28VVoltage - Supply (Vcc Vdd)-Current - Output (Max)9ARds On (Typ)50mOhmInput TypeNon-InvertingFeaturesAuto Restart, Status FlagFault Protection-40°C ~ 150°C (TJ)Operating Temperature-40°C ~ 150°C (TJ)Package / CaseIoewerSEOP (0.154", 3.90mm Width)Supplier Device PackagePowerSSO-16	Ratio - Input:Output	1:1	
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Voltage - Load4V ~ 28VVoltage - Supply (Vcc Vdd)-Current - Output (Max)9ARds On (Typ)50mOhmInput TypeNon-InvertingFeaturesNon-InvertingFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over Supplice Supplier CaseOperating Temperature-40°C ~ 150°C (TJ)Package / Case16-PowerLFSOP (0.154", 3.90mm Width)PowerSNO-16	Output Type	N-Channel	
Notage - Supply (Vcc Vdd)	Interface	-	
/Vdd)-Current - Output (Max)9ARds On (Typ)50mOhmInput TypeNon-InvertingFeaturesNon-InvertingFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, Short Circuit, UVLOOperating Temperature-40°C ~ 150°C (TJ)Package / Case16-PowerLFSOP (0.154", 3.90mm Width)Supplier Device PackagePowerSSO-16	Voltage - Load	$4V \sim 28V$	
Rds On (Typ)50mOhmInput TypeNon-InvertingFeaturesAuto Restart, Status FlagFault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, Short Circuit, UVLOOperating Temperature-40°C ~ 150°C (TJ)Package / Case16-PowerLFSOP (0.154", 3.90mm Width)Supplier Device PackagePowerSSO-16	Voltage - Supply (Vcc /Vdd)	-	
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Fault ProtectionCurrent Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, Short Circuit, UVLOOperating Temperature-40°C ~ 150°C (TJ)Package / Case16-PowerLFSOP (0.154", 3.90mm Width)Supplier Device PackagePowerSSO-16	Input Type	Non-Inverting	
Path ProtectionUVLOOperating Temperature-40°C ~ 150°C (TJ)Package / Case16-PowerLFSOP (0.154", 3.90mm Width)Supplier Device PackagePowerSSO-16	Features	Auto Restart, Status Flag	
Package / Case16-PowerLFSOP (0.154", 3.90mm Width)Supplier Device PackagePowerSSO-16	Fault Protection		
Supplier Device Package PowerSSO-16	Operating Temperature	-40°C ~ 150°C (TJ)	
	Package / Case	16-PowerLFSOP (0.154", 3.90mm Width)	
Report errors?	Supplier Device Package	PowerSSO-16	
		Report errors?	

VND7E050AJTR 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.

VND7E050AJTR Payment Methods



VND7E050AJTR Shipping Methods



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