

SIP32416DNP-T1-GE4

SIP32416DNP-T1-GE4 Information



For Reference Only

Part Number SIP32416DNP-T1-GE4

Manufacturer Vishay Siliconix

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description IC SW W/CTRL SLEW RATE 8TDFN

Package 8-UFDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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SIP32416DNP-T1-GE4 Specifications

Manufacturer Part Number SIP32416DNP-T1-GE4 Manufacturer Vishay Siliconix Category Integrated Circuits (ICs) Package 8-UFDFN Exposed Pad Series - Switch Type General Purpose Number of Outputs 2 Ratio - Input:Output 1:1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 1.1 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 2.4A Rds On (Typ) 62 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Reverse Current Operating Temperature -40°C ~ 125°C (TJ) Package / Case 8-UFDFN Exposed Pad Supplier Device Package 8-TDFN (2x2)		
CategoryIntegrated Circuits (ICs)Package8-UFDFN Exposed PadSeries-Switch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load1.1 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.4ARds On (Typ)62 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Slew Rate ControlledFault ProtectionReverse CurrentOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-UFDFN Exposed PadSupplier Device Package8-TDFN (2x2)	Manufacturer Part Number	SIP32416DNP-T1-GE4
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Package8-UFDFN Exposed PadSeries-Switch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load1.1 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.4ARds On (Typ)62 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Slew Rate ControlledFault ProtectionReverse CurrentOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-UFDFN Exposed PadSupplier Device Package8-TDFN (2x2)	Category	Integrated Circuits (ICs)
Series - Switch Type General Purpose Number of Outputs 2 Ratio - Input:Output 1:1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 1.1 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 2.4A Rds On (Typ) 62 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Reverse Current Operating Temperature -40°C ~ 125°C (TJ) Package / Case 8-UFDFN Exposed Pad Supplier Device Package 8-TDFN (2x2)		PMIC - Power Distribution Switches, Load Drivers
Switch TypeGeneral PurposeNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load1.1 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.4ARds On (Typ)62 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Slew Rate ControlledFault ProtectionReverse CurrentOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-UFDFN Exposed PadSupplier Device Package8-TDFN (2x2)	Package	8-UFDFN Exposed Pad
Number of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load1.1 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.4ARds On (Typ)62 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Slew Rate ControlledFault ProtectionReverse CurrentOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-UFDFN Exposed PadSupplier Device Package8-TDFN (2x2)	Series	-
Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load1.1 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.4ARds On (Typ)62 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Slew Rate ControlledFault ProtectionReverse CurrentOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-UFDFN Exposed PadSupplier Device Package8-TDFN (2x2)	Switch Type	General Purpose
Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load1.1 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.4ARds On (Typ)62 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Slew Rate ControlledFault ProtectionReverse CurrentOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-UFDFN Exposed PadSupplier Device Package8-TDFN (2x2)	Number of Outputs	2
Output TypeN-ChannelInterfaceOn/OffVoltage - Load1.1 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)2.4ARds On (Typ)62 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Slew Rate ControlledFault ProtectionReverse CurrentOperating Temperature-40°C ~ 125°C (TJ)Package / Case8-UFDFN Exposed PadSupplier Device Package8-TDFN (2x2)	Ratio - Input:Output	1:1
Interface On/Off Voltage - Load 1.1 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 2.4A Rds On (Typ) 62 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Reverse Current Operating Temperature -40°C ~ 125°C (TJ) Package / Case 8-UFDFN Exposed Pad Supplier Device Package 8-TDFN (2x2)	Output Configuration	High Side
Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 2.4A Rds On (Typ) 62 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Reverse Current Operating Temperature -40°C ~ 125°C (TJ) Package / Case 8-UFDFN Exposed Pad Supplier Device Package 8-TDFN (2x2)	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 2.4A Rds On (Typ) 62 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Reverse Current Operating Temperature -40°C ~ 125°C (TJ) Package / Case 8-UFDFN Exposed Pad Supplier Device Package 8-TDFN (2x2)	Interface	On/Off
Current - Output (Max) Rds On (Typ) 62 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Reverse Current Operating Temperature -40°C ~ 125°C (TJ) Package / Case 8-UFDFN Exposed Pad Supplier Device Package 8-TDFN (2x2)	Voltage - Load	1.1 V ~ 5.5 V
Rds On (Typ) 62 mOhm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Reverse Current Operating Temperature -40°C ~ 125°C (TJ) Package / Case 8-UFDFN Exposed Pad Supplier Device Package 8-TDFN (2x2)	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Reverse Current Operating Temperature -40°C ~ 125°C (TJ) Package / Case 8-UFDFN Exposed Pad Supplier Device Package 8-TDFN (2x2)	Current - Output (Max)	2.4A
Features Load Discharge, Slew Rate Controlled Fault Protection Reverse Current Operating Temperature -40°C ~ 125°C (TJ) Package / Case 8-UFDFN Exposed Pad Supplier Device Package 8-TDFN (2x2)	Rds On (Typ)	62 mOhm
Fault ProtectionReverse CurrentOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ)Package / Case8-UFDFN Exposed PadSupplier Device Package8-TDFN (2x2)	Input Type	Non-Inverting
Operating Temperature -40°C ~ 125°C (TJ) Package / Case 8-UFDFN Exposed Pad Supplier Device Package 8-TDFN (2x2)	Features	Load Discharge, Slew Rate Controlled
Package / Case 8-UFDFN Exposed Pad Supplier Device Package 8-TDFN (2x2)	Fault Protection	Reverse Current
Supplier Device Package 8-TDFN (2x2)	Operating Temperature	-40°C ~ 125°C (TJ)
	Package / Case	8-UFDFN Exposed Pad
Report errors?	Supplier Device Package	8-TDFN (2x2)
		Report errors?

SIP32416DNP-T1-GE4 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.

SIP32416DNP-T1-GE4 Payment Methods



















SIP32416DNP-T1-GE4 Shipping Methods













If you have any question about SIP32416DNP-T1-GE4, please do not hesitate to contact us!

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