



### SIP32461DB-T2-GE1 Information



For Reference Only

**Part Number** SIP32461DB-T2-GE1 **Manufacturer** Vishay Siliconix

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

**Description** IC SW W/CTRL SLEW RATE WCSP

Package 4-UFBGA, CSPBGA

For the pricing/inventory/lead time, please contact

us

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



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## **Certified Quality**

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# SIP32461DB-T2-GE1 Specifications

Manufacturer Part Number         SIP32461DB-T2-GEI           Manufacturer         Vishay Siliconix           Category         Integrated Circuits (ICs)           Package         4-UFBGA, CSPBGA           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         1.2 V ~ 5.5 V           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         1.2A           Rds On (Typ)         50 mOhm           Input Type         Non-Inverting           Features         Load Discharge, Slew Rate Controlled           Fault Protection         Reverse Current           Operating Temperature         -40°C ~ 125°C (TJ)           Package / Case         4-UFBGA, CSPBGA           Supplier Device Package         4-WCSP (0.79x0.79)		
Category         Integrated Circuits (ICs)           PMIC - Power Distribution Switches, Load Drivers           Package         4-UFBGA, CSPBGA           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         1.2 V ~ 5.5 V           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         1.2A           Rds On (Typ)         50 mOhm           Input Type         Non-Inverting           Features         Load Discharge, Slew Rate Controlled           Faultr Protection         Reverse Current           Operating Temperature         -40°C ~ 125°C (TJ)           Package / Case         4-UFBGA, CSPBGA           Supplier Device Package         4-WCSP (0.79x0.79)	Manufacturer Part Number	SIP32461DB-T2-GE1
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Package         4-UFBGA, CSPBGA           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         1.2 V ~ 5.5 V           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         1.2A           Rds On (Typ)         50 mOhm           Input Type         Non-Inverting           Features         Load Discharge, Slew Rate Controlled           Fault Protection         Reverse Current           Operating Temperature         -40°C ~ 125°C (TJ)           Package / Case         4-UFBGA, CSPBGA           Supplier Device Package         4-WCSP (0.79x0.79)	Category	Integrated Circuits (ICs)
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Number of Outputs  Ratio - Input:Output  1:1  Output Configuration  High Side  Output Type  N-Channel  Interface  On/Off  Voltage - Load  1.2 V ~ 5.5 V  Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  1.2A  Rds On (Typ)  50 mOhm  Input Type  Non-Inverting  Features  Load Discharge, Slew Rate Controlled  Fault Protection  Reverse Current  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  Supplier Device Package  4-WCSP (0.79x0.79)	Series	-
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Output TypeN-ChannelInterfaceOn/OffVoltage - Load1.2 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.2ARds On (Typ)50 mOhmInput TypeNon-InvertingFeaturesLoad Discharge, Slew Rate ControlledFault ProtectionReverse CurrentOperating Temperature-40°C ~ 125°C (TJ)Package / Case4-UFBGA, CSPBGASupplier Device Package4-WCSP (0.79x0.79)	Ratio - Input:Output	1:1
Interface On/Off  Voltage - Load 1.2 V ~ 5.5 V  Voltage - Supply (Vcc/Vdd) Not Required  Current - Output (Max) 1.2A  Rds On (Typ) 50 mOhm  Input Type Non-Inverting  Features Load Discharge, Slew Rate Controlled  Fault Protection Reverse Current  Operating Temperature -40°C ~ 125°C (TJ)  Package / Case 4-UFBGA, CSPBGA  Supplier Device Package 4-WCSP (0.79x0.79)	Output Configuration	High Side
Voltage - Load  1.2 V ~ 5.5 V  Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  1.2A  Rds On (Typ)  50 mOhm  Input Type  Non-Inverting  Features  Load Discharge, Slew Rate Controlled  Fault Protection  Reverse Current  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  4-UFBGA, CSPBGA  Supplier Device Package  4-WCSP (0.79x0.79)	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  1.2A  Rds On (Typ)  50 mOhm  Input Type  Non-Inverting  Features  Load Discharge, Slew Rate Controlled  Fault Protection  Reverse Current  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  4-UFBGA, CSPBGA  Supplier Device Package  4-WCSP (0.79x0.79)	Interface	On/Off
Current - Output (Max)  Rds On (Typ)  50 mOhm  Input Type  Non-Inverting  Features  Load Discharge, Slew Rate Controlled  Fault Protection  Reverse Current  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  4-UFBGA, CSPBGA  Supplier Device Package  4-WCSP (0.79x0.79)	Voltage - Load	1.2 V ~ 5.5 V
Rds On (Typ) 50 mOhm  Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Reverse Current Operating Temperature -40°C ~ 125°C (TJ) Package / Case 4-UFBGA, CSPBGA Supplier Device Package 4-WCSP (0.79x0.79)	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type  Non-Inverting  Features  Load Discharge, Slew Rate Controlled  Reverse Current  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  4-UFBGA, CSPBGA  Supplier Device Package  4-WCSP (0.79x0.79)	Current - Output (Max)	1.2A
Features Load Discharge, Slew Rate Controlled Fault Protection Reverse Current Operating Temperature -40°C ~ 125°C (TJ) Package / Case 4-UFBGA, CSPBGA Supplier Device Package 4-WCSP (0.79x0.79)	Rds On (Typ)	50 mOhm
Fault ProtectionReverse CurrentOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ)Package / Case $4\text{-UFBGA}$ , CSPBGASupplier Device Package $4\text{-WCSP}$ (0.79x0.79)	Input Type	Non-Inverting
Operating Temperature -40°C ~ 125°C (TJ)  Package / Case 4-UFBGA, CSPBGA  Supplier Device Package 4-WCSP (0.79x0.79)	Features	Load Discharge, Slew Rate Controlled
Package / Case 4-UFBGA, CSPBGA Supplier Device Package 4-WCSP (0.79x0.79)	Fault Protection	Reverse Current
Supplier Device Package 4-WCSP (0.79x0.79)	Operating Temperature	-40°C ~ 125°C (TJ)
	Package / Case	4-UFBGA, CSPBGA
Report errors?	Supplier Device Package	4-WCSP (0.79x0.79)
		Report errors?

#### SIP32461DB-T2-GE1 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.

## SIP32461DB-T2-GE1 Payment Methods





















## SIP32461DB-T2-GE1 Shipping Methods













If you have any question about SIP32461DB-T2-GE1, please do not hesitate to contact us!

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