

Image may be representation.
See specifications for product details.



SIP32102DB-T1-GE1

Manufacturer Part Number	SIP32102DB-T1-GE1
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SIP32102DB-T1-GE1
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC PWR SWITCH P-CHAN 1:1 12WCSP
Package	12-UFBGA, WLCSP
Data sheet	SIP32102DB-T1-GE1.pdf
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

SIP32102DB-T1-GE1 - Vishay Siliconix. New Original in Stock. Download Linear Technology SIP32102DB-T1-GE1 datasheet/specifications on AllelcoElec.com. Request a quote for SIP32102DB-T1-GE1, please send us email: info@allelco.com

Specifications

SIP32102DB-T1-GE1 Tech Specifications
SIP32102DB-T1-GE1 - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Output Configuration	High Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Load	2.3V ~ 5.5V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	12-WCSP (1.71x1.31)	Interface	On/Off
Series	-	Input Type	Non-Inverting
Rds On (Typ)	6.5mOhm	Features	Slew Rate Controlled
Ratio - Input:Output	1:1	Fault Protection	-
Package / Case	12-UFBGA, WLCSP	Current - Output (Max)	7A
Package	Tape & Reel (TR)	Base Product Number	SIP32102
Output Type	P-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SIP32102DB-T1-GE1

Product Attribute				
Part Number	SIP32102DB-T1-GE1	SIP32402ADNP-T1GE4	SIP32409DNP-T1-GE4	SIP32413DNP-T1-GE4
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Fault Protection	-	Reverse Current	Reverse Current	Reverse Current
Series	-	-	-	-
Output Type	P-Channel	N-Channel	N-Channel	N-Channel
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Rds On (Typ)	6.5mOhm	62mOhm	44mOhm	62mOhm
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Supplier Device Package	12-WCSP (1.71x1.31)	4-TDFN (1.2x1.6)	4-TDFN (1.2x1.6)	8-TDFN (2x2)
Base Product Number	SIP32102	SIP32402	SIP32409	SIP32413
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Number of Outputs	1	1	1	2
Package / Case	12-UFBGA, WLCSP	4-UFDFN Exposed Pad	4-UFDFN Exposed Pad	8-UFDFN Exposed Pad
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Load	2.3V ~ 5.5V	1.1V ~ 5.5V	1.1V ~ 5.5V	1.1V ~ 5.5V
Features	Slew Rate Controlled	Load Discharge, Slew Rate Controlled	Load Discharge, Slew Rate Controlled	Slew Rate Controlled
Output Configuration	High Side	High Side	High Side	High Side
Interface	On/Off	On/Off	On/Off	On/Off
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Ratio - Input:Output	1:1	1:1	1:1	1:1
Current - Output (Max)	7A	2.4A	3.5A	2.4A

SIP32102DB-T1-GE1 Datasheet PDF

Download SIP32102DB-T1-GE1 pdf datasheets and Vishay Siliconix documentation for SIP32102DB-T1-GE1 - Vishay Siliconix.

PCN Assembly/Origin


2.73KHz.pdf

PCN Design/Specification

SIP32101/2/3 07/Dec.pdf

Customers Also Interested in

Recommended Products

					
SIP32402ADNP-T1GE4 Vishay Siliconix IC PWR SWITCH N-CHAN 1:1 4TDFN	SIP32409DNP-T1-GE4 Vishay Siliconix IC PWR SWITCH N-CHAN 1:1 4TDFN	SIP2802DY-T1-E3 Vishay Siliconix IC OFFLINE SWITCH FLYBACK 8SOIC	SIP2802DQ-T1-E3 Electro-Films (EFI) / Vishay	SIP2805DY-T1-E3 Electro-Films (EFI) / Vishay	SIP32413DNP-T1-GE4 Vishay Siliconix IC PWR SWITCH N-CHAN 1:1 8TDFN
					
SIP32103DB-T1-GE1 Vishay Siliconix IC PWR SWITCH P-CHAN 1:1 12WCSP	SIP32101DB-T1-GE1 Vishay Siliconix IC PWR SWITCH P-CHAN 1:1 12WCSP	SIP2800DY-T1-E3 Vishay Siliconix IC REG CTRLR MULT TOPOLOGY 8SOIC	SIP32411DR-T1-GE3 Vishay Siliconix IC PWR SWITCH N-CHAN 1:1 SC70-6	SIP2803DQ-T1-E3 Electro-Films (EFI) / Vishay	SIP2804Y-T1-E3 Electro-Films (EFI) / Vishay
					
SIP32401ADNP-T1GE4 Vishay Siliconix IC PWR SWITCH N-CHAN 1:1 4TDFN	SIP32411DNP-T1-GE4 Vishay Siliconix IC PWR SWITCH N-CHAN 1:1 4TDFN	SIP305 Bel Power Solutions DC DC CONVERTER 5V 20W	SIP2804DY-T1-E3 Vishay Siliconix IC OFFLINE SWITCH FLYBACK 8SOIC	SIP316FF SIPURA	SIP32408DNP-T1-GE4 Vishay Siliconix IC PWR SWITCH N-CHAN 1:1 4TDFN

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



View More