

Image may be representation.  
See specifications for product details.



## SI3861BDV-T1-E3

Manufacturer Part Number **SI3861BDV-T1-E3**

Manufacturer **Vishay / Siliconix**

Allelco Part Number **32D-SI3861BDV-T1-E3**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC PWR SWITCH P-CHAN 1:1 6TSOP**

Package **SOT-23-6 Thin, TSOT-23-6**

Data sheet **[SI3861BDV.pdf](#)**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

SI3861BDV-T1-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI3861BDV-T1-E3 datasheet/specifications on AllelcoElec.com.  
Request a quote for SI3861BDV-T1-E3, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

SI3861BDV-T1-E3 Tech Specifications

SI3861BDV-T1-E3 - 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)	-	Operating Temperature	-55°C ~ 150°C (TJ)
Voltage - Load	4.5V ~ 20V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	6-TSOP	Interface	On/Off
Series	-	Input Type	-
Rds On (Typ)	60mOhm	Features	Slew Rate Controlled
Ratio - Input:Output	1:1	Fault Protection	-
Package / Case	SOT-23-6 Thin, TSOT-23-6	Current - Output (Max)	2.3A
Package	Tape & Reel (TR)	Base Product Number	SI3861
Output Type	P-Channel		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI3861BDV-T1-E3

Product Attribute				
Part Number	SI3861BDV-T1-E3	<b>SI3861BDV-T1-GE3</b>	<b>SI3865BDV-T1-GE3</b>	<b>SI3865BDV-T1-E3</b>
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Output Type	P-Channel	P-Channel	P-Channel	P-Channel
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Rds On (Typ)	60mOhm	60mOhm	45mOhm	45mOhm
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Series	-	-	-	-
Base Product Number	SI3861	SI3861	SI3865	SI3865
Input Type	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6
Supplier Device Package	6-TSOP	6-TSOP	6-TSOP	6-TSOP
Voltage - Supply (Vcc/Vdd)	-	-	-	-
Features	Slew Rate Controlled	Slew Rate Controlled	Slew Rate Controlled	Slew Rate Controlled
Interface	On/Off	On/Off	On/Off	On/Off
Current - Output (Max)	2.3A	2.3A	2.9A	2.9A
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Fault Protection	-	-	-	-
Ratio - Input:Output	1:1	1:1	1:1	1:1
Number of Outputs	1	1	1	1
Voltage - Load	4.5V ~ 20V	4.5V ~ 20V	1.8V ~ 8V	1.8V ~ 8V
Output Configuration	High Side	High Side	High Side	High Side

## SI3861BDV-T1-E3 Datasheet PDF

Download SI3861BDV-T1-E3 pdf datasheets and Vishay Siliconix documentation for SI3861BDV-T1-E3 - Vishay Siliconix.

### PCN Obsolescence/ EOL



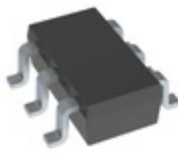
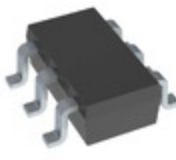
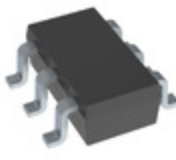












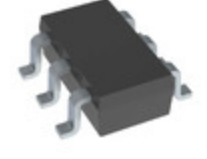
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### HTML Datasheet

SI3861BDV.pdf

## Customers Also Interested in

### Recommended Products

 <b>SI3850DV-T1-GE3</b> Electro-Films (EFI) / Vishay	 <b>SI3851DV-T1-GE3</b> Electro-Films (EFI) / Vishay	 <b>SI3851DV-T1-E3</b> Vishay Siliconix MOSFET P-CH 30V 1.6A 6TSOP	 <b>SI3861BDV-T1-GE3</b> Vishay Siliconix IC PWR SWITCH P-CHAN 1:1 6TSOP	 <b>SI3850ADV-T1-E3</b> Vishay Siliconix MOSFET N/P-CH 20V 1.4A 6TSOP	 <b>SI3850DV-T1-E3</b> Electro-Films (EFI) / Vishay
 <b>SI3850DV-T1</b> Electro-Films (EFI) / Vishay	 <b>SI3865BDV-T1-GE3</b> Vishay Siliconix IC PWR SWITCH P-CHAN 1:1 6TSOP	 <b>SI3865BDV-T1-E3</b> Vishay Siliconix IC PWR SWITCH P-CHAN 1:1 6TSOP	 <b>SI3861DV-NL</b> Fairchild (onsemi)	 <b>SI3851DV-T1</b> Electro-Films (EFI) / Vishay	 <b>SI3861DV-T1</b> Electro-Films (EFI) / Vishay
 <b>SI3861DV-T1-E3</b> Electro-Films (EFI) / Vishay	 <b>SI3850ADV-T1-GE3</b> Vishay Siliconix MOSFET N/P-CH 20V 1.4A 6-TSOP	 <b>SI3863BDV-T1-GE3</b> Electro-Films (EFI) / Vishay	 <b>SI3863DV-T1-E3</b> Electro-Films (EFI) / Vishay	 <b>SI3851DV</b> Electro-Films (EFI) / Vishay	 <b>SI3853DV-T1-E3</b> Vishay Siliconix MOSFET P-CH 20V 1.6A 6TSOP

## 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

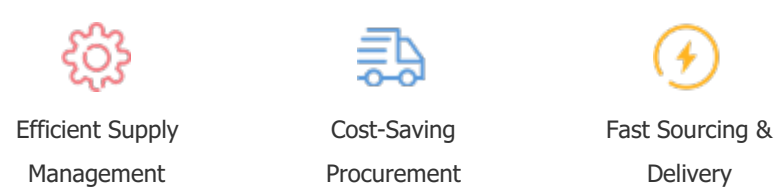
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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 -



Contact us if you have any questions.



### Certifications & Memberships



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