



Image may be representation.
See specifications for product details.



SFH601-3

Manufacturer Part Number	SFH601-3
Manufacturer	Vishay Semiconductor - Opto Division
Allelco Part Number	32D-SFH601-3
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	OPTOISO 5.3KV TRANS W/BASE 6DIP
Package	6-DIP (0.300', 7.62mm)
Data sheet	SFH601.pdf
RoHs Status	ROHS3 Compliant

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SFH601-3 - Vishay Semiconductor Opto Division. New Original in Stock. Download Linear Technology SFH601-3 datasheet/specifications on AllelcoElec.com. Request a quote for SFH601-3, please send us email: info@allelco.com

Specifications

SFH601-3 Tech Specifications
SFH601-3 - Vishay Semiconductor Opto Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay Semiconductor - Opto Division	Output Type	Transistor with Base
Voltage - Output (Max)	100V	Operating Temperature	-55°C ~ 100°C
Voltage - Isolation	5000Vrms	Number of Channels	1
Voltage - Forward (Vf) (Typ)	1.25V	Mounting Type	Through Hole
Vce Saturation (Max)	400mV	Input Type	DC
Turn On / Turn Off Time (Typ)	3µs, 2.3µs	Current Transfer Ratio (Min)	100% @ 10mA
Supplier Device Package	6-DIP	Current Transfer Ratio (Max)	200% @ 10mA
Series	-	Current - Output / Channel	50mA
Rise / Fall Time (Typ)	2µs, 2µs	Current - DC Forward (If) (Max)	60 mA
Package / Case	6-DIP (0.300', 7.62mm)	Base Product Number	SFH601
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Semiconductor Opto Division SFH601-3

Product Attribute				
Part Number	SFH601-3	SFH608-3	SFH601-3X016	SFH601-2X017
Manufacturer	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division
Number of Channels	1	1	1	1
Mounting Type	Through Hole	Through Hole	Through Hole	Surface Mount
Vce Saturation (Max)	400mV	400mV	400mV	400mV
Series	-	-	-	-
Turn On / Turn Off Time (Typ)	3µs, 2.3µs	8µs, 7.5µs	3µs, 2.3µs	3µs, 2.3µs
Input Type	DC	DC	DC	DC
Voltage - Isolation	5000Vrms	5300Vrms	5000Vrms	5300Vrms
Output Type	Transistor with Base	Transistor with Base	Transistor with Base	Transistor with Base
Current Transfer Ratio (Max)	200% @ 10mA	200% @ 1mA	200% @ 10mA	125% @ 10mA
Voltage - Forward (Vf) (Typ)	1.25V	1.1V	1.25V	1.25V
Base Product Number	SFH601	SFH608	SFH601	SFH601
Package	Tube	Tube	Tube	Tube
Current - DC Forward (If) (Max)	60 mA	50 mA	60 mA	60 mA
Voltage - Output (Max)	100V	55V	100V	100V
Package / Case	6-DIP (0.300', 7.62mm)	6-DIP (0.300', 7.62mm)	6-DIP (0.400', 10.16mm)	6-SMD, Gull Wing
Operating Temperature	-55°C ~ 100°C	-55°C ~ 100°C	-55°C ~ 100°C	-55°C ~ 100°C
Current - Output / Channel	50mA	50mA	50mA	50mA
Rise / Fall Time (Typ)	2µs, 2µs	5µs, 7µs	2µs, 2µs	2µs, 2µs
Supplier Device Package	6-DIP	6-DIP	6-DIP	6-SMD
Current Transfer Ratio (Min)	100% @ 10mA	100% @ 1mA	100% @ 10mA	63% @ 10mA

SFH601-3 Datasheet PDF

Download SFH601-3 pdf datasheets and Vishay Semiconductor Opto Division documentation for SFH601-3 - Vishay Semiconductor Opto Division.

HTML Datasheet



















[SFH601.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products

					
SFH608-3 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6DIP	SFH601-3X016 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6DIP	SFH601-2X017 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6SMD	SFH600-A Siemens	SFH601-4 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6DIP	SFH600-3 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6DIP
					
SFH601-4X007 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6SMD	SFH601-3X007 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6SMD	SFH600-2 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6DIP	SFH6003-3 Electro-Films (EFI) / Vishay	SFH608-2 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6DIP	SFH601-2 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6DIP
					
SFH601-3X027 Electro-Films (EFI) / Vishay	SFH601-5 Electro-Films (EFI) / Vishay	SFH601-4X006 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6DIP	SFH600-1 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6DIP	SFH600-0 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6DIP	SFH601-1 Vishay Semiconductor Opto Division OPTOISO 5.3KV TRANS W/BASE 6DIP

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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