



Image may be representation.  
See specifications for product details.



## SFH6186-5

Manufacturer Part Number	<b>SFH6186-5</b>
Manufacturer	<b>Vishay Semiconductor - Opto Division</b>
Allelco Part Number	32D-SFH6186-5
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	OPTOISOLATOR 5.3KV TRANS 4SMD
Package	4-SMD, Gull Wing
Data sheet	<b>SFH618A, SFH6186.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

SFH6186-5 - Vishay Semiconductor Opto Division.New Original in Stock. Download Linear Technology SFH6186-5 datasheet/specifications on AllelcoElec.com.  
Request a quote for SFH6186-5, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

SFH6186-5 Tech Specifications  
SFH6186-5 - Vishay Semiconductor Opto Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay Semiconductor - Opto Division	Output Type	Transistor
Voltage - Output (Max)	55V	Operating Temperature	-55°C ~ 100°C
Voltage - Isolation	5300Vrms	Number of Channels	1
Voltage - Forward (Vf) (Typ)	1.1V	Mounting Type	Surface Mount
Vce Saturation (Max)	400mV	Input Type	DC
Turn On / Turn Off Time (Typ)	6µs, 5.5µs	Current Transfer Ratio (Min)	250% @ 1mA
Supplier Device Package	4-SMD	Current Transfer Ratio (Max)	500% @ 1mA
Series	-	Current - Output / Channel	50mA
Rise / Fall Time (Typ)	3.5µs, 5µs	Current - DC Forward (If) (Max)	60 mA
Package / Case	4-SMD, Gull Wing	Base Product Number	SFH6186
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Semiconductor Opto Division SFH6186-5

Product Attribute				
Part Number	SFH6186-5	<b>SFH618A-4</b>	<b>SFH619A</b>	<b>SFH618A-5</b>
Manufacturer	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division
Turn On / Turn Off Time (Typ)	6µs, 5.5µs	6µs, 5.5µs	4.5µs, 29µs	6µs, 5.5µs
Number of Channels	1	1	1	1
Package / Case	4-SMD, Gull Wing	4-DIP (0.300", 7.62mm)	4-DIP (0.300", 7.62mm)	4-DIP (0.300", 7.62mm)
Current Transfer Ratio (Max)	500% @ 1mA	320% @ 1mA	-	500% @ 1mA
Current - DC Forward (If) (Max)	60 mA	60 mA	60 mA	60 mA
Series	-	-	-	-
Input Type	DC	DC	DC	DC
Package	Tube	Tube	Tube	Tube
Output Type	Transistor	Transistor	Darlington	Transistor
Voltage - Output (Max)	55V	55V	300V	55V
Voltage - Forward (Vf) (Typ)	1.1V	1.1V	1.2V	1.1V
Base Product Number	SFH6186	SFH618	SFH619	SFH618
Mounting Type	Surface Mount	Through Hole	Through Hole	Through Hole
Current - Output / Channel	50mA	50mA	125mA	50mA
Operating Temperature	-55°C ~ 100°C	-55°C ~ 100°C	-55°C ~ 100°C	-55°C ~ 100°C
Vce Saturation (Max)	400mV	400mV	1.2V	400mV
Voltage - Isolation	5300Vrms	5300Vrms	5300Vrms	5300Vrms
Rise / Fall Time (Typ)	3.5µs, 5µs	3.5µs, 5µs	3.5µs, 14.5µs	3.5µs, 5µs
Supplier Device Package	4-SMD	4-DIP	4-DIP	4-DIP
Current Transfer Ratio (Min)	250% @ 1mA	160% @ 1mA	1000% @ 1mA	250% @ 1mA

## SFH6186-5 Datasheet PDF

Download SFH6186-5 pdf datasheets and Vishay Semiconductor Opto Division documentation for SFH6186-5 - Vishay Semiconductor Opto Division.

### PCN Design/Specification

SFH608/SFH618/SFH620/SFH628 20/nov/2016.pdf

### HTML Datasheet

SFH618A, SFH6186.pdf

## Customers Also Interested in

### Recommended Products



**SFH618A-4**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4-DIP



**SFH619A**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV DARL 4DIP



**SFH618A-5**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4-DIP



**SFH617A-4**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4DIP



**SFH617A-4X016**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4DIP



**SFH617A-3X016**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4DIP



**SFH6186-5T**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4-SMD



**SFH6186-2T**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4-SMD



**SFH618A-2**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4-DIP



**SFH6186-3X001T**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4SMD



**SFH6186-3T**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4-SMD



**SFH6186-2**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4SMD



**SFH618A-3**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4-DIP



**SFH6186-5X001T**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4SMD



**SFH618A-3X017**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4SMD



**SFH618A-5X017**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4SMD



**SFH6186-4T**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4-SMD



**SFH6186-3**

Vishay Semiconductor Opto Division  
OPTOISOLATOR 5.3KV TRANS 4SMD

## 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 Alleco 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@alleco.com

### Certifications & Memberships



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