

Image may be representation.
See specifications for product details.



SFH690CT

Manufacturer Part Number	SFH690CT
Manufacturer	Vishay Semiconductor - Opto Division
Allelco Part Number	32D-SFH690CT
ECAD Model	3D Model
Parts Description	OPTOISOLATOR 3.75KV TRANS 4-SOP
Package	4-SMD, Gull Wing
Data sheet	SFH690x(x)T.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SFH690CT - Vishay Semiconductor Opto Division. New Original in Stock. Download Linear Technology SFH690CT datasheet/specifications on AllelcoElec.com. Request a quote for SFH690CT, please send us email: info@allelco.com

Specifications

SFH690CT Tech Specifications

SFH690CT - 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)	70V	Operating Temperature	-55°C ~ 100°C
Voltage - Isolation	3750Vrms	Number of Channels	1
Voltage - Forward (Vf) (Typ)	1.15V	Mounting Type	Surface Mount
Vce Saturation (Max)	300mV	Input Type	DC
Turn On / Turn Off Time (Typ)	5µs, 3µs	Current Transfer Ratio (Min)	100% @ 5mA
Supplier Device Package	4-SOP (2.54mm)	Current Transfer Ratio (Max)	200% @ 5mA
Series	-	Current - Output / Channel	50mA
Rise / Fall Time (Typ)	3µs, 4µs	Current - DC Forward (If) (Max)	50 mA
Package / Case	4-SMD, Gull Wing	Base Product Number	SFH690
Package	Tape & Reel (TR)		

Parts with Similar Specifications

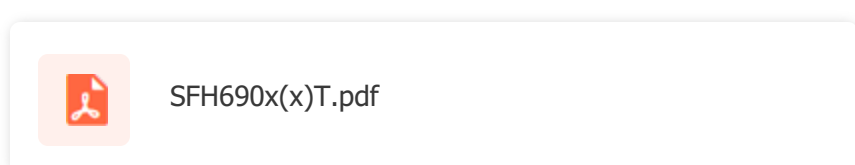
The three parts on the right have similar specifications to Vishay Semiconductor Opto Division SFH690CT

Product Attribute				
Part Number	SFH690CT	SFH690AT	SFH6916T	SFH691AT
Manufacturer	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division
Voltage - Isolation	3750Vrms	3750Vrms	3750Vrms	3750Vrms
Supplier Device Package	4-SOP (2.54mm)	4-SOP (2.54mm)	16-SOP	4-SOP (2.54mm)
Voltage - Forward (Vf) (Typ)	1.15V	1.15V	1.15V	1.15V
Output Type	Transistor	Transistor	Transistor	Transistor
Turn On / Turn Off Time (Typ)	5µs, 3µs	5µs, 3µs	9.5µs, 8.5µs	5µs, 3µs
Base Product Number	SFH690	SFH690	SFH6916	SFH691
Input Type	DC	DC	DC	AC, DC
Rise / Fall Time (Typ)	3µs, 4µs	3µs, 4µs	5.5µs, 7µs	3µs, 4µs
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current Transfer Ratio (Max)	200% @ 5mA	150% @ 5mA	300% @ 5mA	300% @ 5mA
Series	-	-	-	-
Number of Channels	1	1	4	1
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Current Transfer Ratio (Min)	100% @ 5mA	50% @ 5mA	50% @ 5mA	50% @ 5mA
Operating Temperature	-55°C ~ 100°C	-55°C ~ 100°C	-55°C ~ 100°C	-55°C ~ 100°C
Current - DC Forward (If) (Max)	50 mA	50 mA	50 mA	50 mA
Voltage - Output (Max)	70V	70V	70V	70V
Package / Case	4-SMD, Gull Wing	4-SMD, Gull Wing	16-SOIC (0.173", 4.40mm Width)	4-SMD, Gull Wing
Current - Output / Channel	50mA	50mA	50mA	50mA
Vce Saturation (Max)	300mV	300mV	400mV	300mV

SFH690CT Datasheet PDF

Download SFH690CT pdf datasheets and Vishay Semiconductor Opto Division documentation for SFH690CT - Vishay Semiconductor Opto Division.

HTML Datasheet



Customers Also Interested in

Recommended Products

**SFH690BT-3030**

Electro-Films (EFI) / Vishay

SFH7012

OSRAM

SFH6750

Electro-Films (EFI) / Vishay

SFH7050

OSRAM

SFH690ATVishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP**SFH6755T**Vishay Semiconductor Opto Division
OPTOISO 4KV 2CH OPEN DRAIN 8SOIC**SFH6916T**Vishay Semiconductor Opto Division
SOP-16 CPLR QUAD 50-300% CTR**SFH691AT**Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP**SFH690DT**Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4SOP**SFH690BT**Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP**SFH6721T**Vishay Semiconductor Opto Division
OPTOISO 4KV PUSH PULL 8SOIC**SFH6731**Vishay Semiconductor Opto Division
OPTOISO 5.3KV 2CH PUSH PULL 8DIP**SFH690ABT**Vishay Semiconductor Opto Division
OPTOISOLATOR 3.75KV TRANS 4-SOP**SFH6916**Vishay Semiconductor Opto Division
OPTOISO 3.75KV 4CH TRANS 16-SOP**SFH6756T**Vishay Semiconductor Opto Division
OPTOISO 4KV 2CH OPEN DRAIN 8SOIC**SFH692AT**Vishay Semiconductor Opto Division
OPTOISO 3.75KV DARLINGTON 4SOP**SFH690CT**

Electro-Films (EFI) / Vishay

**SFH6732-X007**

Electro-Films (EFI) / Vishay

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

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Email

info@alleco.com

Certifications & Memberships



View More



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