



### SFH6731-X017T Information

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For Reference Only

Part Number SFH6731-X017T

Manufacturer Vishay Semiconductor Opto Division

**Category** Isolators

Optoisolators - Logic Output

**Description** OPTOISO 5.3KV 2CH PUSH PULL 8SMD

Package 8-SMD, Gull Wing

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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### **Certified Quality**

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# SFH6731-X017T Specifications

Manufacturer Part Number         SFH6731-X017T           Manufacturer         Vishay Semiconductor Opto Division           Category         Isolators           Optoisolators - Logic Output           Package         8-SMD, Gull Wing           Series         -           Number of Channels         2           Inputs - Side 1/Side 2         2/0           Voltage - Isolation         5300Vrms           Common Mode Transient Immunity (Min)         IkV/μs           Input Type         DC           Output Type         Push-Pull, Totem Pole           Current - Output / Channel         25mA           Data Rate         5MBd           Propagation Delay tpLH / tpHL (Max)         300ns, 300ns           Rise / Fall Time (Typ)         40ns, 10ns           Voltage - Forward (Vf) (Typ)         1.6V           Current - DC Forward (If) (Max)         10mA           Voltage - Supply         4.5 V ~ 15 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package (Case         Surface Mount		
Category         Isolators           Optoisolators - Logic Output           Package         8-SMD, Gull Wing           Series         -           Number of Channels         2           Inputs - Side 1/Side 2         2/0           Voltage - Isolation         5300Vrms           Common Mode Transient Immunity (Min)         1kV/µs           Input Type         DC           Output Type         Push-Pull, Totem Pole           Current - Output / Channel         25mA           Data Rate         5MBd           Propagation Delay tpLH / tpHL (Max)         300ns, 300ns           Rise / Fall Time (Typ)         40ns, 10ns           Voltage - Forward (Vf) (Typ)         1.6V           Current - DC Forward (If) (Max)         10mA           Voltage - Supply         4.5 V ~ 15 V           Operating Temperature         40°C ~ 85°C           Mounting Type         Surface Mount	Manufacturer Part Number	SFH6731-X017T
Package 8-SMD, Gull Wing Series - Number of Channels 2 2/0 Voltage - Isolation 5300Vrms Common Mode Transient Immunity (Min) 1kV/µs Input Type DC Output Type DC Output Type Push-Pull, Totem Pole Current - Output / Channel 5MBd Propagation Delay tpLH / tpHL (Max) 300ns, 300ns Rise / Fall Time (Typ) 40ns, 10ns Voltage - Forward (Vf) (Typ) 1.6V Current - DC Forward (If) (Max) 10mA Voltage - Supply 4.5 V ~ 15 V Operating Temperature 4.40°C ~ 85°C Mounting Type Surface Mount	Manufacturer	Vishay Semiconductor Opto Division
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Series-Number of Channels2Inputs - Side 1/Side 2 $2/0$ Voltage - Isolation $5300$ VrmsCommon Mode Transient Immunity (Min) $1kV/\mu s$ Input TypeDCOutput TypePush-Pull, Totem PoleCurrent - Output / Channel $25mA$ Data Rate $5MBd$ Propagation Delay tpLH / tpHL (Max) $300ns, 300ns$ Rise / Fall Time (Typ) $40ns, 10ns$ Voltage - Forward (Vf) (Typ) $1.6V$ Current - DC Forward (If) (Max) $10mA$ Voltage - Supply $4.5 V \sim 15 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface Mount		Optoisolators - Logic Output
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Inputs - Side 1/Side 2  Voltage - Isolation  Common Mode Transient Immunity (Min)  Input Type  DC  Output Type  Push-Pull, Totem Pole  Current - Output / Channel  25mA  Data Rate  5MBd  Propagation Delay tpLH / tpHL (Max)  Rise / Fall Time (Typ)  40ns, 10ns  Voltage - Forward (Vf) (Typ)  1.6V  Current - DC Forward (If) (Max)  Voltage - Supply  Operating Temperature  4.5 V ~ 15 V  -40°C ~ 85°C  Mounting Type  Surface Mount	Series	-
Voltage - Isolation 5300Vrms  Common Mode Transient Immunity (Min) 1kV/µs  Input Type DC  Output Type Push-Pull, Totem Pole  Current - Output / Channel 25mA  Data Rate 5MBd  Propagation Delay tpLH / tpHL (Max) 300ns, 300ns  Rise / Fall Time (Typ) 40ns, 10ns  Voltage - Forward (Vf) (Typ) 1.6V  Current - DC Forward (If) (Max) 10mA  Voltage - Supply 4.5 V ~ 15 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount	Number of Channels	2
Common Mode Transient Immunity (Min)  Input Type  DC  Output Type  Push-Pull, Totem Pole  Current - Output / Channel  Data Rate  5MBd  Propagation Delay tpLH / tpHL (Max)  Rise / Fall Time (Typ)  40ns, 10ns  Voltage - Forward (Vf) (Typ)  1.6V  Current - DC Forward (If) (Max)  Voltage - Supply  4.5 V ~ 15 V  Operating Temperature  Mounting Type  Surface Mount	Inputs - Side 1/Side 2	2/0
Input Type Output Type Push-Pull, Totem Pole Current - Output / Channel 25mA Data Rate SMBd Propagation Delay tpLH / tpHL (Max) 300ns, 300ns Rise / Fall Time (Typ) 40ns, 10ns Voltage - Forward (Vf) (Typ) 1.6V Current - DC Forward (If) (Max) 10mA Voltage - Supply 4.5 V ~ 15 V Operating Temperature 4.0° C ~ 85° C Mounting Type Surface Mount	Voltage - Isolation	5300Vrms
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Mounting Type Surface Mount	Voltage - Supply	4.5 V ~ 15 V
	Operating Temperature	-40°C ~ 85°C
Package / Case 8-SMD, Gull Wing	Mounting Type	Surface Mount
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Supplier Device Package 8-SMD	Supplier Device Package	8-SMD
Report errors?		Report errors?

#### SFH6731-X017T Guarantees



### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## SFH6731-X017T Payment Methods



















## SFH6731-X017T Shipping Methods













If you have any question about SFH6731-X017T, please do not hesitate to contact us!

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