

SFH6700-X009 Information



For Reference Only

Part Number SFH6700-X009

Manufacturer Vishay Semiconductor Opto Division

Category Isolators

Optoisolators - Logic Output

Description OPTOISO 5.3KV TRI-STATE 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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SFH6700-X009 Specifications

Manufacturer Part Number SFH6700-X009 Manufacturer Vishay Semiconductor Opto Division Category Isolators Optoisolators - Logic Output Package 8-SMD, Gull Wing Series - Number of Channels 1 Inputs - Side 1/Side 2 1/0 Voltage - Isolation 5300Vrms Common Mode Transient Immunity (Min) 1kV/μs Input Type DC Output Type Tri-State 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	-	
Category Bolators Optoisolators - Logic Output Package 8-SMD, Gull Wing Series - Number of Channels Inputs - Side 1/Side 2 Voltage - Isolation Common Mode Transient Immunity (Min) Input Type DC Output Type Output Type Tri-State Current - Output / Channel Data Rate Propagation Delay tpLH / tpHL (Max) Rise / Fall Time (Typ) Isolators Optoisolators - Logic Output I No Delay time S-SMD, Gull Wing 1 1 1 1 1 1 1 1 1 1 1 1 1	Manufacturer Part Number	SFH6700-X009
Package 8-SMD, Gull Wing Series - Number of Channels 1 Inputs - Side 1/Side 2 1/0 Voltage - Isolation 5300Vrms Common Mode Transient Immunity (Min) 1kV/µs Input Type DC Output Type Tri-State Current - Output / Channel 25mA Data Rate 5MBd Propagation Delay tpLH / tpHL (Max) 300ns, 300ns Rise / Fall Time (Typ) 40ns, 10ns	Manufacturer	Vishay Semiconductor Opto Division
Package 8-SMD, Gull Wing Series - Number of Channels 1 Inputs - Side 1/Side 2 1/0 Voltage - Isolation 5300Vrms Common Mode Transient Immunity (Min) 1kV/µs Input Type DC Output Type Tri-State Current - Output / Channel 25mA Data Rate 5MBd Propagation Delay tpLH / tpHL (Max) 300ns, 300ns Rise / Fall Time (Typ) 40ns, 10ns	Category	Isolators
Series Number of Channels Inputs - Side 1/Side 2 Voltage - Isolation Common Mode Transient Immunity (Min) Input Type DC Output Type Tri-State Current - Output / Channel Data Rate Propagation Delay tpLH / tpHL (Max) Rise / Fall Time (Typ)		Optoisolators - Logic Output
Number of Channels Inputs - Side 1/Side 2 I/0 Voltage - Isolation 5300Vrms Common Mode Transient Immunity (Min) IkV/µs Input Type DC Output Type Tri-State Current - Output / Channel Data Rate Propagation Delay tpLH / tpHL (Max) Rise / Fall Time (Typ) 1/0 5300Vrms 5300Vrms 5300Vrms 5300Vrms 5300Vrms 5300Vrms 5400 5	Package	8-SMD, Gull Wing
Inputs - Side 1/Side 2 Voltage - Isolation 5300Vrms Common Mode Transient Immunity (Min) Input Type DC Output Type Tri-State Current - Output / Channel Data Rate Propagation Delay tpLH / tpHL (Max) Rise / Fall Time (Typ) 1/0 1/0 1/0 1/0 1/0 5300Vrms 1kV/μs DC Tri-State 5MBd 5MBd 40ns, 10ns	Series	-
Voltage - Isolation 5300Vrms Common Mode Transient Immunity (Min) 1kV/µs Input Type DC Output Type Tri-State Current - Output / Channel 25mA Data Rate 5MBd Propagation Delay tpLH / tpHL (Max) 300ns, 300ns Rise / Fall Time (Typ) 40ns, 10ns	Number of Channels	1
Common Mode Transient Immunity (Min) Input Type DC Output Type Tri-State Current - Output / Channel Data Rate Propagation Delay tpLH / tpHL (Max) Rise / Fall Time (Typ) 1kV/µs DC Tri-State 5mA 5MBd 40ns, 10ns	Inputs - Side 1/Side 2	1/0
Input Type DC Output Type Tri-State Current - Output / Channel 25mA Data Rate 5MBd Propagation Delay tpLH / tpHL (Max) 300ns, 300ns Rise / Fall Time (Typ) 40ns, 10ns	Voltage - Isolation	5300Vrms
Output Type Tri-State Current - Output / Channel 25mA Data Rate 5MBd Propagation Delay tpLH / tpHL (Max) 300ns, 300ns Rise / Fall Time (Typ) 40ns, 10ns	Common Mode Transient Immunity (Min)	$1 kV/\mu s$
Current - Output / Channel 25mA Data Rate 5MBd Propagation Delay tpLH / tpHL (Max) 300ns, 300ns Rise / Fall Time (Typ) 40ns, 10ns	Input Type	DC
Data Rate 5MBd Propagation Delay tpLH / tpHL (Max) 300ns, 300ns Rise / Fall Time (Typ) 40ns, 10ns	Output Type	Tri-State
Propagation Delay tpLH / tpHL (Max) Rise / Fall Time (Typ) 300ns, 300ns 40ns, 10ns	Current - Output / Channel	25mA
Rise / Fall Time (Typ) 40ns, 10ns	Data Rate	5MBd
	Propagation Delay tpLH / tpHL (Max)	300ns, 300ns
Voltage - Forward (Vf) (Tvp) 1.6V	Rise / Fall Time (Typ)	40ns, 10ns
101	Voltage - Forward (Vf) (Typ)	1.6V
Current - DC Forward (If) (Max) 10mA	Current - DC Forward (If) (Max)	10mA
Voltage - Supply $4.5 \text{ V} \sim 15 \text{ V}$	Voltage - Supply	4.5 V ~ 15 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 8-SMD, Gull Wing	Package / Case	8-SMD, Gull Wing
Supplier Device Package 8-SMD	Supplier Device Package	8-SMD
Report errors		Report errors?

SFH6700-X009 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.

SFH6700-X009 Payment Methods



















SFH6700-X009 Shipping Methods













If you have any question about SFH6700-X009, please do not hesitate to contact us!

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