



SFH6106-3X001 Information



For Reference Only

Part Number SFH6106-3X001

Manufacturer Vishay Semiconductor Opto Division

Category Isolators

Optoisolators - Transistor, Photovoltaic Output

Description OPTOISOLATOR 5.3KV TRANS 4SMD

Package 4-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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SFH6106-3X001 Specifications

Manufacturer Part Number SFH6106-3X001 Manufacturer Vishay Semiconductor Opto Division Category Isolators Optoisolators - Transistor, Photovoltaic Output Package 4-SMD, Gull Wing Series - Number of Channels 1 Voltage - Isolation 5300Vrms Current Transfer Ratio (Min) 10% @ 10mA Current Transfer Ratio (Max) 200% @ 10mA Turn On / Turn Off Time (Typ) 3µs, 2.3µs Rise / Fall Time (Typ) 2µs, 2µs Input Type DC Output Type Transistor Voltage - Output (Max) 70V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.25V Current - DC Forward (If) (Max) 60mA Vec Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package 4-SMD	*	
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Series - Number of Channels 1 Voltage - Isolation 5300Vrms Current Transfer Ratio (Min) 100% @ 10mA Current Transfer Ratio (Max) 200% @ 10mA Turn On / Turn Off Time (Typ) 3μs, 2.3μs Rise / Fall Time (Typ) 2μs, 2μs Input Type DC Output Type Transistor Voltage - Output (Max) 70V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.25V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package 4-SMD		Optoisolators - Transistor, Photovoltaic Output
Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)100% @ 10mACurrent Transfer Ratio (Max)200% @ 10mATurn On / Turn Off Time (Typ)3μs, 2.3μsRise / Fall Time (Typ)2μs, 2μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.25VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Package	4-SMD, Gull Wing
Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)100% @ 10mACurrent Transfer Ratio (Max)200% @ 10mATurn On / Turn Off Time (Typ)3μs, 2.3μsRise / Fall Time (Typ)2μs, 2μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.25VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Series	-
Current Transfer Ratio (Min) Current Transfer Ratio (Max) 200% @ 10mA Turn On / Turn Off Time (Typ) 3µs, 2.3µs Rise / Fall Time (Typ) 2µs, 2µs Input Type DC Output Type Transistor Voltage - Output (Max) 70V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.25V Current - DC Forward (If) (Max) Vee Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package	Number of Channels	1
Current Transfer Ratio (Max)200% @ 10mATurn On / Turn Off Time (Typ)3μs, 2.3μsRise / Fall Time (Typ)2μs, 2μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.25VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Voltage - Isolation	5300Vrms
Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) 2μs, 2μs Input Type DC Output Type Transistor Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.25V Current - DC Forward (If) (Max) Vec Saturation (Max) Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package 4-SMD	Current Transfer Ratio (Min)	100% @ 10mA
Rise / Fall Time (Typ)2μs, 2μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.25VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Current Transfer Ratio (Max)	200% @ 10mA
Input Type Output Type Transistor Voltage - Output (Max) 70V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.25V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package 4-SMD	Turn On / Turn Off Time (Typ)	3μs, 2.3μs
Output Type Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.25V Current - DC Forward (If) (Max) Vce Saturation (Max) Operating Temperature Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package	Rise / Fall Time (Typ)	2μs, 2μs
Voltage - Output (Max) Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.25V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package 4-SMD	Input Type	DC
Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.25V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package 4-SMD	Output Type	Transistor
Voltage - Forward (Vf) (Typ) 1.25V Current - DC Forward (If) (Max) Vce Saturation (Max) Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package	Voltage - Output (Max)	70V
Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package 4-SMD	Current - Output / Channel	50mA
Vce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Voltage - Forward (Vf) (Typ)	1.25V
Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package 4-SMD	Current - DC Forward (If) (Max)	60mA
Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package 4-SMD	Vce Saturation (Max)	400mV
Package / Case 4-SMD, Gull Wing Supplier Device Package 4-SMD	Operating Temperature	-55°C ~ 100°C
Supplier Device Package 4-SMD	Mounting Type	Surface Mount
	Package / Case	4-SMD, Gull Wing
Report errors?	Supplier Device Package	4-SMD
		Report errors?

SFH6106-3X001 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.

SFH6106-3X001 Payment Methods



















SFH6106-3X001 Shipping Methods













If you have any question about SFH6106-3X001, please do not hesitate to contact us!

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