



SFH617A-1X016 Information



For Reference Only

Part Number SFH617A-1X016

Manufacturer Vishay Semiconductor Opto Division

Category Isolators

Optoisolators - Transistor, Photovoltaic Output

Description OPTOISOLATOR 5.3KV TRANS 4DIP

Package 4-DIP (0.400", 10.16mm)

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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SFH617A-1X016 Specifications

Manufacturer Part Number SFH617A-1X016 Manufacturer Vishay Semiconductor Opto Division Category Isolators Optoisolators - Transistor, Photovoltaic Output Package 4-DIP (0.400", 10.16mm) Series - Number of Channels 1 Current Transfer Ratio (Min) 40% @ 10mA Current Transfer Ratio (Max) 80% @ 10mA Current Transfer Ratio (Max) 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) 1.35V Current - DC Forward (If) (Max) 60mA Vec Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Through Hole Package / Case 4-DIP (0.400", 10.16mm) Supplier Device Package 4-DIP	•	
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Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)40% @ 10mACurrent Transfer Ratio (Max)80% @ 10mATurn On / Turn Off Time (Typ)3μs, 2.3μsRise / Fall Time (Typ)2μs, 2μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case4-DIP (0.400", 10.16mm)Supplier Device Package4-DIP	Series	-
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Current Transfer Ratio (Max)80% @ 10mATurn On / Turn Off Time (Typ)3μs, 2.3μsRise / Fall Time (Typ)2μs, 2μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case4-DIP (0.400", 10.16mm)Supplier Device Package4-DIP	Voltage - Isolation	5300Vrms
Turn On / Turn Off Time (Typ) $3\mu s, 2.3\mu s$ Rise / Fall Time (Typ) $2\mu s, 2\mu s$ Input Type DC Output Type Transistor Voltage - Output (Max) $70V$ Current - Output / Channel $50mA$ Voltage - Forward (Vf) (Typ) $1.35V$ Current - DC Forward (If) (Max) $60mA$ Vce Saturation (Max) $400mV$ Operating Temperature $-55^{\circ}C \sim 110^{\circ}C$ Mounting Type Through Hole Package / Case 4 -DIP $(0.400^{\circ}, 10.16mm)$ Supplier Device Package	Current Transfer Ratio (Min)	40% @ 10mA
Rise / Fall Time (Typ)2μs, 2μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case4-DIP (0.400", 10.16mm)Supplier Device Package4-DIP	Current Transfer Ratio (Max)	80% @ 10mA
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Output Type Transistor 70V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.35V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Through Hole Package / Case 4-DIP (0.400", 10.16mm) Supplier Device Package	Rise / Fall Time (Typ)	2μs, 2μs
Voltage - Output (Max) Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.35V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Through Hole Package / Case 4-DIP (0.400", 10.16mm) Supplier Device Package 4-DIP	Input Type	DC
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Voltage - Forward (Vf) (Typ) 1.35V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Through Hole Package / Case 4-DIP (0.400", 10.16mm) Supplier Device Package 4-DIP	Voltage - Output (Max)	70V
Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -55°C ~ 110°C Mounting Type Through Hole Package / Case 4-DIP (0.400", 10.16mm) Supplier Device Package 4-DIP	Current - Output / Channel	50mA
Vce Saturation (Max)400mVOperating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / Case4-DIP (0.400", 10.16mm)Supplier Device Package4-DIP	Voltage - Forward (Vf) (Typ)	1.35V
Operating Temperature -55°C ~ 110°C Mounting Type Through Hole Package / Case 4-DIP (0.400", 10.16mm) Supplier Device Package 4-DIP	Current - DC Forward (If) (Max)	60mA
Mounting Type Through Hole Package / Case 4-DIP (0.400", 10.16mm) Supplier Device Package 4-DIP	Vce Saturation (Max)	400mV
Package / Case 4-DIP (0.400", 10.16mm) Supplier Device Package 4-DIP	Operating Temperature	-55°C ~ 110°C
Supplier Device Package 4-DIP	Mounting Type	Through Hole
	Package / Case	4-DIP (0.400", 10.16mm)
Report errors?	Supplier Device Package	4-DIP
		Report errors?

SFH617A-1X016 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.

SFH617A-1X016 Payment Methods





















SFH617A-1X016 Shipping Methods













If you have any question about SFH617A-1X016, please do not hesitate to contact us!

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