



SFH617A-1X006 Information



For Reference Only

Part Number SFH617A-1X006

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-1X006 Specifications

Manufacturer Part Number SFH617A-1X006 Manufacturer Vishay Semiconductor Opto Division Category Isolators Package 4-DIP (0.400", 10.16mm) Series - Number of Channels 1 Voltage - Isolation 5300Vrms Current Transfer Ratio (Min) 40% @ 10mA Current Transfer Ratio (Max) 80% @ 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) 1.35V Current - DC Forward (If) (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	-
Current Transfer Ratio (Min) 40% @ 10mA Current Transfer Ratio (Max) 80% @ 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) 1.35V 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	Number of Channels	1
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
Input Type Output Type Transistor Voltage - Output (Max) 70V Current - Output / Channel 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	Turn On / Turn Off Time (Typ)	3µs, 2.3µs
Output Type Transistor 70V Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.35V Current - DC Forward (If) (Max) Vce Saturation (Max) Operating Temperature 400mV Operating 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
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	Output Type	Transistor
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-1X006 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-1X006 Payment Methods

































If you have any question about SFH617A-1X006, please do not hesitate to contact us!

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