

## IL4208-X007 Information

Part Number IL4208-X007

Manufacturer Vishay Semiconductor Opto Division

Category

Optoisolators - Triac, SCR Output

**Description** OPTOISOLATOR 5.3KV TRIAC

Package

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## **IL4208-X007 Specifications**

Manufacturer Part Number         IL4208-X007           Manufacturer         Vishay Semiconductor Opto Division           Category         Isolators           Package         6-SMD           Series         -           Output Type         Triac           Zero Crossing Circuit         No           Number of Channels         1           Voltage - Isolation         5300Vrms           Voltage - Off State         800V           Static dV/dt (Min)         10kV/µs           Current - LED Trigger (Ift) (Max)         2mA           Current - On State (It (RMS)) (Max)         300mA           Current - Hold (Ih)         500µA           Turn on Time         35µs           Voltage - Forward (Vf) (Typ)         1.16V           Current - DC Forward (If) (Max)         60mA           Operating Temperature         -55°C ~ 100°C           Mounting Type         Surface Mount           Package / Case         6-SMD           Supplier Device Package         -           Approvals         CQC, CSA, cUR, UR	•	
Category         Isolators           Package         6-SMD           Series         -           Output Type         Triac           Zero Crossing Circuit         No           Number of Channels         1           Voltage - Isolation         5300Vrms           Voltage - Off State         800V           Static dV/dt (Min)         10kV/µs           Current - LED Trigger (Ift) (Max)         2mA           Current - On State (It (RMS)) (Max)         300mA           Current - Hold (Ih)         500µA           Turn On Time         35µs           Voltage - Forward (Vf) (Typ)         1.16V           Current - DC Forward (If) (Max)         60mA           Operating Temperature         -55°C ~ 100°C           Mounting Type         Surface Mount           Package / Case         6-SMD           Supplier Device Package         -           Approvals         CQC, CSA, cUR, UR	Manufacturer Part Number	IL4208-X007
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Series         -           Output Type         Triac           Zero Crossing Circuit         No           Number of Channels         1           Voltage - Isolation         5300Vrms           Voltage - Off State         800V           Static dV/dt (Min)         10kV/μs           Current - LED Trigger (Ift) (Max)         2mA           Current - On State (It (RMS)) (Max)         300mA           Current - Hold (Ih)         500μA           Turn On Time         35μs           Voltage - Forward (Vf) (Typ)         1.16V           Current - DC Forward (If) (Max)         60mA           Operating Temperature         -55°C ~ 100°C           Mounting Type         Surface Mount           Package / Case         6-SMD           Supplier Device Package         -           Approvals         CQC, CSA, cUR, UR		Optoisolators - Triac, SCR Output
Output TypeTriacZero Crossing CircuitNoNumber of Channels1Voltage - Isolation5300VrmsVoltage - Off State800VStatic dV/dt (Min)10kV/μsCurrent - LED Trigger (Ift) (Max)2mACurrent - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)500μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.16VCurrent - DC Forward (Iff) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMDSupplier Device Package-ApprovalsCQC, CSA, cUR, UR	Package	6-SMD
Zero Crossing CircuitNoNumber of Channels1Voltage - Isolation5300VrmsVoltage - Off State800VStatic dV/dt (Min)10kV/μsCurrent - LED Trigger (Ift) (Max)2mACurrent - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)500μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.16VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMDSupplier Device Package-ApprovalsCQC, CSA, cUR, UR	Series	-
Number of Channels1Voltage - Isolation5300VrmsVoltage - Off State800VStatic dV/dt (Min)10kV/μsCurrent - LED Trigger (Ift) (Max)2mACurrent - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)500μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.16VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMDSupplier Device Package-ApprovalsCQC, CSA, cUR, UR	Output Type	Triac
Voltage - Isolation5300VrmsVoltage - Off State800VStatic dV/dt (Min)10kV/μsCurrent - LED Trigger (Ift) (Max)2mACurrent - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)500μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.16VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMDSupplier Device Package-ApprovalsCQC, CSA, cUR, UR	Zero Crossing Circuit	No
Voltage - Off State800 VStatic dV/dt (Min)10kV/μsCurrent - LED Trigger (Ift) (Max)2mACurrent - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)500μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.16VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMDSupplier Device Package-ApprovalsCQC, CSA, cUR, UR	Number of Channels	1
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Current - LED Trigger (Ift) (Max)2mACurrent - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)500μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.16VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMDSupplier Device Package-ApprovalsCQC, CSA, cUR, UR	Voltage - Off State	800V
Current - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)500μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.16VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMDSupplier Device Package-ApprovalsCQC, CSA, cUR, UR	Static dV/dt (Min)	10kV/μs
Current - Hold (Ih)500μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.16VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMDSupplier Device Package-ApprovalsCQC, CSA, cUR, UR	Current - LED Trigger (Ift) (Max)	2mA
Turn On Time  35μs  Voltage - Forward (Vf) (Typ)  1.16V  Current - DC Forward (If) (Max)  Operating Temperature  -55°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  6-SMD  Supplier Device Package  Approvals  CQC, CSA, cUR, UR	Current - On State (It (RMS)) (Max)	300mA
Voltage - Forward (Vf) (Typ)  1.16V  Current - DC Forward (If) (Max)  Operating Temperature  -55°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  6-SMD  Supplier Device Package  Approvals  CQC, CSA, cUR, UR	Current - Hold (Ih)	500μΑ
Current - DC Forward (If) (Max)  Operating Temperature  -55°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  6-SMD  Supplier Device Package  Approvals  CQC, CSA, cUR, UR	Turn On Time	35μs
Operating Temperature  -55°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  6-SMD  Supplier Device Package  - Approvals  CQC, CSA, cUR, UR	Voltage - Forward (Vf) (Typ)	1.16V
Mounting Type Surface Mount Package / Case 6-SMD Supplier Device Package - Approvals CQC, CSA, cUR, UR	Current - DC Forward (If) (Max)	60mA
Package / Case 6-SMD Supplier Device Package - Approvals CQC, CSA, cUR, UR	Operating Temperature	-55°C ~ 100°C
Supplier Device Package - Approvals - CQC, CSA, cUR, UR	Mounting Type	Surface Mount
Approvals CQC, CSA, cUR, UR	Package / Case	6-SMD
	Supplier Device Package	-
Report errors?	Approvals	CQC, CSA, cUR, UR
		Report errors?

#### IL4208-X007 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.

## **IL4208-X007 Payment Methods**



















## **IL4208-X007 Shipping Methods**













If you have any question about IL4208-X007, please do not hesitate to contact us!

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