



Image may be representation.
See specifications for product details.



IL420-X007T

Manufacturer Part Number	IL420-X007T
Manufacturer	Vishay Semiconductor - Opto Division
Allelco Part Number	32D-IL420-X007T
ECAD Model	Request Free CAD Models
Parts Description	OPTOISOLATOR 5.3KV TRIAC 6SMD
Package	6-SMD, Gull Wing
Data sheet	IL420, IL4208.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

IL420-X007T - Vishay Semiconductor Opto Division. New Original in Stock. Download Linear Technology IL420-X007T datasheet/specifications on AllelcoElec.com. Request a quote for IL420-X007T, please send us email: info@allelco.com

Specifications

IL420-X007T Tech Specifications

IL420-X007T - Vishay Semiconductor Opto Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay Semiconductor - Opto Division	Output Type	Triac
Zero Crossing Circuit	No	Operating Temperature	-55°C ~ 100°C
Voltage - Off State	600 V	Number of Channels	1
Voltage - Isolation	5300Vrms	Mounting Type	Surface Mount
Voltage - Forward (Vf) (Typ)	1.16V	Current - On State (It (RMS)) (Max)	300 mA
Turn On Time	35µs	Current - LED Trigger (If) (Max)	2mA
Supplier Device Package	6-SMD	Current - Hold (Ih)	500µA
Static dV/dt (Min)	10kV/µs	Current - DC Forward (If) (Max)	60 mA
Series	-	Base Product Number	IL420
Package / Case	6-SMD, Gull Wing	Approval Agency	CQC, CSA, cUR, UR
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Semiconductor Opto Division IL420-X007T

Product Attribute				
Part Number	IL420-X007T	IL4118-X007T	IL420-X009T	IL4118
Manufacturer	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division	Vishay Semiconductor Opto Division
Voltage - Off State	600 V	800 V	600 V	800 V
Base Product Number	IL420	IL4118	IL420	IL4118
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Current - Hold (Ih)	500µA	200µA	500µA	200µA
Current - LED Trigger (If) (Max)	2mA	1.3mA	2mA	1.3mA
Turn On Time	35µs	35µs	35µs	35µs
Voltage - Isolation	5300Vrms	5300Vrms	5300Vrms	5300Vrms
Current - On State (It (RMS)) (Max)	300 mA	300 mA	300 mA	300 mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Series	-	-	-	-
Zero Crossing Circuit	No	Yes	No	Yes
Package / Case	6-SMD, Gull Wing	6-SMD	6-SMD	6-DIP (0.300", 7.62mm)
Operating Temperature	-55°C ~ 100°C	-55°C ~ 100°C	-55°C ~ 100°C	-55°C ~ 100°C
Number of Channels	1	1	1	1
Current - DC Forward (If) (Max)	60 mA	60 mA	60 mA	60 mA
Supplier Device Package	6-SMD	-	6-SMD	6-DIP
Static dV/dt (Min)	10kV/µs	10kV/µs	10kV/µs	10kV/µs
Voltage - Forward (Vf) (Typ)	1.16V	1.3V	1.16V	1.3V
Output Type	Triac	Triac	Triac	Triac
Approval Agency	CQC, CSA, cUR, UR	BSI, CSA, cUR, FIMKO, UR	CQC, CSA, cUR, UR	BSI, CSA, cUR, FIMKO, UR

IL420-X007T Datasheet PDF


Download IL420-X007T pdf datasheets and Vishay Semiconductor Opto Division documentation for IL420-X007T - Vishay Semiconductor Opto Division.

PCN Design/Specification

Multi Dev 22/Sep/2022.pdf

PCN Assembly/Origin

Photodetector Introduction 05/Oct/2022.pdf

 IL420, IL4208.pdf

Customers Also Interested in

Recommended Products



IL4118-X007T

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC



IL420-X009T

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC



IL4118

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC 6DIP



IL4208-X007

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC



IL4208-X007T

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC 6SMD



IL4208

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC 6DIP



IL4208-X009

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC



IL420-X017T

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC



IL4118-X007

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC



IL4118-X017T

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC



IL420-X007

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC



IL420-X009

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC



IL4208-X017T

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC



IL4117-X007

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC



IL4216

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC 6DIP



IL4118-X017

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC



IL420-X001

Vishay Semiconductor Opto Division
OPTOISOLATOR 5.3KV TRIAC 6DIP



IL4118-X009

Vishay / Semiconductor - Opto Division
OPTOISOLATOR 5.3KV TRIAC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Alleco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@alleco.com

Certifications & Memberships



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