



Image may be representation.
See specifications for product details.

FODM3012R2-NF098

Manufacturer Part Number	FODM3012R2-NF098
Manufacturer	onsemi
Allelco Part Number	32D-FODM3012R2-NF098
ECAD Model	 Request Free CAD Models
Parts Description	OPTOISOLATOR 3.75KV TRIAC 4SMD
Package	4-SMD, Gull Wing
Data sheet	FODM30xx.pdf FODM30xx.pdf
RoHs Status	 ROHS3 Compliant

Get a Quote

FODM3012R2-NF098 - onsemi.New Original in Stock. Download Linear Technology FODM3012R2-NF098 datasheet/specifications on AllelcoElec.com.
Request a quote for FODM3012R2-NF098, please send us email: info@allelco.com





Specifications

FODM3012R2-NF098 Tech Specifications
FODM3012R2-NF098 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Triac
Zero Crossing Circuit	No	Operating Temperature	-40°C ~ 100°C
Voltage - Off State	250 V	Number of Channels	1
Voltage - Isolation	3750Vrms	Mounting Type	Surface Mount
Voltage - Forward (Vf) (Typ)	1.2V	Current - On State (It (RMS)) (Max)	70 mA
Turn On Time	-	Current - LED Trigger (If) (Max)	5mA
Supplier Device Package	4-SMD	Current - Hold (Ih)	300µA (Typ)
Static dV/dt (Min)	10V/µs (Typ)	Current - DC Forward (If) (Max)	60 mA
Series	-	Base Product Number	FODM30
Package / Case	4-SMD, Gull Wing	Approval Agency	cUR, UR
Package	Tape & Reel (TR)		

Parts with Similar Specifications


The three parts on the right have similar specifications to onsemi FODM3012R2-NF098

Product Attribute				
Part Number	FODM3012R2-NF098	FODM3011R2_NF098	FODM3012R1_NF098	FODM3011R2
Manufacturer	onsemi	onsemi	onsemi	onsemi
Series	-	-	-	-
Current - LED Trigger (If) (Max)	5mA	10mA	5mA	10mA
Current - Hold (Ih)	300µA (Typ)	300µA (Typ)	300µA (Typ)	300µA (Typ)
Voltage - Off State	250 V	250 V	250 V	250 V
Voltage - Forward (Vf) (Typ)	1.2V	1.2V	1.2V	1.2V
Voltage - Isolation	3750Vrms	3750Vrms	3750Vrms	3750Vrms
Package / Case	4-SMD, Gull Wing	4-SMD, Gull Wing	4-SMD, Gull Wing	4-SMD, Gull Wing
Number of Channels	1	1	1	1
Static dV/dt (Min)	10V/µs (Typ)	10V/µs (Typ)	10V/µs (Typ)	10V/µs (Typ)
Approval Agency	cUR, UR	cUR, UR	cUR, UR	BSI, CSA, UL
Supplier Device Package	4-SMD	4-SMD	4-SMD	4-SMD
Turn On Time	-	-	-	-
Operating Temperature	-40°C ~ 100°C	-40°C ~ 100°C	-40°C ~ 100°C	-40°C ~ 100°C
Current - On State (It (RMS)) (Max)	70 mA	70 mA	70 mA	70 mA
Zero Crossing Circuit	No	No	No	No
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - DC Forward (If) (Max)	60 mA	60 mA	60 mA	60 mA
Base Product Number	FODM30	FODM30	FODM30	FODM30
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Triac	Triac	Triac	Triac


FODM3012R2-NF098 Datasheet PDF


Download FODM3012R2-NF098 pdf datasheets and onsemi documentation for FODM3012R2-NF098 - onsemi.

Datasheets

 FODM30xx.pdf


Environmental Information


 onsemi REACH.pdf

 onsemi RoHS.pdf


 Material Declaration FODM3012R2-NF098.pdf

PCN Design/Specification


 Logo 17/Aug/2017.pdf

 Mult Changes 11/Aug/2021.pdf


PCN Packaging

 Mult Devices 24/Oct/2017.pdf

PCN Part Number


 Mult Device Part Number Chg 30/May/2017.pdf

HTML Datasheet


 FODM30xx.pdf

Customers Also Interested in


Recommended Products




FODM3011R2_NF098
onsemi
OPTOISOLATOR 3.75KV TRIAC 4SMD




FODM3012R1_NF098
onsemi
OPTOISOLATOR 3.75KV TRIAC 4MFP




FODM3011R2
onsemi
OPTOISOLATOR 3.75KV TRIAC 4MFP




FODM3021
onsemi
OPTOISOLATOR 3.75KV TRIAC 4MFP




FODM3012R2V
onsemi
OPTOISOLATOR 3.75KV TRIAC 4MFP



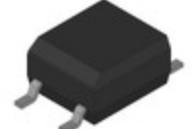
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onsemi
OPTOISOLATOR 3.75KV TRIAC 4SMD



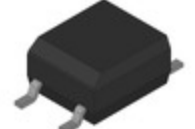
FODM3011R1_NF098
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OPTOISOLATOR 3.75KV TRIAC 4MFP




FODM3012R2
onsemi
OPTOISOLATOR 3.75KV TRIAC 4MFP




FODM3012
Fairchild Semiconductor
TRIAC OUTPUT OPTOCOUPLER




FODM3021R1
Fairchild Semiconductor
TRIAC OUTPUT OPTOCOUPLER




FODM3012_NF098
AMI Semiconductor/onsemi




FODM3012
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OPTOISOLATOR 3.75KV TRIAC 4MFP




FODM3021R2V
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OPTOISOLATOR 3.75KV TRIAC 4MFP




FODM3012R1
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OPTOISOLATOR 3.75KV TRIAC 4MFP




FODM3012R2V-NF098
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OPTOISOLATOR 3.75KV TRIAC 4SMD



FODM3021R2V
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TRIAC OUTPUT OPTOCOUPLER



FODM3021R1
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OPTOISOLATOR 3.75KV TRIAC 4MFP



FODM3021
Fairchild Semiconductor
TRIAC OUTPUT OPTOCOUPLER

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 Allelco 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@allelco.com

Certifications & Memberships



[View More](#)

Contact us

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