



Image may be representation.
See specifications for product details.



FODM1008R2

Manufacturer Part Number	FODM1008R2
Manufacturer	onsemi
Allelco Part Number	32D-FODM1008R2
ECAD Model	Request Free CAD Models
Parts Description	OPTOISO 5KV 1CH TRANS LSOP4
Package	4-SMD, Gull Wing
Data sheet	FODM100x Series.pdf
	FODM100x Series.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

FODM1008R2 - onsemi.New Original in Stock. Download Linear Technology FODM1008R2 datasheet/specifications on AllelcoElec.com.
Request a quote for FODM1008R2, please send us email: info@allelco.com

Specifications

FODM1008R2 Tech Specifications

FODM1008R2 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Transistor
Voltage - Output (Max)	70V	Operating Temperature	-40°C ~ 110°C
Voltage - Isolation	5000Vrms	Number of Channels	1
Voltage - Forward (Vf) (Typ)	1.4V	Mounting Type	Surface Mount
Vce Saturation (Max)	300mV	Input Type	DC
Turn On / Turn Off Time (Typ)	-	Current Transfer Ratio (Min)	130% @ 5mA
Supplier Device Package	4-SOP	Current Transfer Ratio (Max)	260% @ 5mA
Series	-	Current - Output / Channel	50mA
Rise / Fall Time (Typ)	5.7µs, 8.5µs	Current - DC Forward (If) (Max)	50 mA
Package / Case	4-SMD, Gull Wing	Base Product Number	FODM1008
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi FODM1008R2

Product Attribute				
Part Number	FODM1008R2	FODM121AR2V	FODB102V	FOD852SD
Manufacturer	onsemi	onsemi	onsemi	onsemi
Rise / Fall Time (Typ)	5.7µs, 8.5µs	3µs, 3µs	1µs, 5µs	100µs, 20µs
Vce Saturation (Max)	300mV	400mV	400mV	1.2V
Series	-	-	Microcoupler™	-
Current - DC Forward (If) (Max)	50 mA	50 mA	30 mA	50 mA
Voltage - Isolation	5000Vrms	3750Vrms	2500Vrms	5000Vrms
Package / Case	4-SMD, Gull Wing	4-SMD, Gull Wing	4-TEBGA	4-SMD, Gull Wing
Voltage - Forward (Vf) (Typ)	1.4V	1.3V (Max)	1.5V (Max)	1.2V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-40°C ~ 110°C	-40°C ~ 110°C	-40°C ~ 125°C	-30°C ~ 100°C
Turn On / Turn Off Time (Typ)	-	-	3µs, 5µs	-
Base Product Number	FODM1008	FODM121	FODB10	FOD852
Input Type	DC	DC	DC	DC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current Transfer Ratio (Max)	260% @ 5mA	300% @ 5mA	-	15000% @ 1mA
Output Type	Transistor	Transistor	Transistor	Darlington
Number of Channels	1	1	1	1
Current - Output / Channel	50mA	80mA	50mA	150mA
Supplier Device Package	4-SOP	4-SMD	4-BGA (3.5x3.5)	4-SMD
Current Transfer Ratio (Min)	130% @ 5mA	100% @ 5mA	100% @ 1mA	1000% @ 1mA
Voltage - Output (Max)	70V	80V	75V	300V

FODM1008R2 Datasheet PDF

Download FODM1008R2 pdf datasheets and onsemi documentation for FODM1008R2 - onsemi.

Datasheets

FODM100x Series.pdf

Environmental Information

onsemi REACH.pdf

onsemi RoHS.pdf

PCN Design/Specification



Logo 17/Aug/2017.pdf



Mult Changes 11/Aug/2021.pdf

PCN Packaging



Mult Devices 24/Oct/2017.pdf

HTML Datasheet



FODM100x Series.pdf

Customers Also Interested in

Recommended Products



FODM121AR2V

onsemi
OPTOISO 3.75KV TRANSISTOR 4SMD



FODB102V

onsemi
OPTOISO 2.5KV TRANSISTOR 4BGA



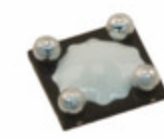
FOD852SD

onsemi
OPTOISOLATOR 5KV DARLINGTON 4SMD



FODM1007

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OPTOISO 5KV 1CH TRANS LSOP4



FODB100

onsemi
OPTOISO 2.5KV TRANSISTOR 4BGA



FODM1007

Fairchild Semiconductor
TRANSISTOR OUTPUT OPTOCOUPLER



FODM1009

onsemi
OPTOISO 5KV 1CH TRANS LSOP4



FODB102

onsemi
OPTOISO 2.5KV TRANSISTOR 4BGA



FODM121/HMA121

Fairchild (onsemi)



FODM121AR2

onsemi
OPTOISO 3.75KV TRANSISTOR 4SMD



FOD852S

onsemi
OPTOISOLATOR 5KV DARLINGTON 4SMD



FODM121

onsemi
OPTOISO 3.75KV TRANSISTOR 4SMD



FODB101

onsemi
OPTOISO 2.5KV TRANSISTOR 4BGA



FODM121A

onsemi
OPTOISO 3.75KV TRANSISTOR 4SMD



FODM1009

Fairchild Semiconductor
TRANSISTOR OUTPUT OPTOCOUPLER



FOD852S

Fairchild Semiconductor
DARLINGTON OUTPUT OPTOCOUPLER, 5



FODB101V

onsemi
OPTOISO 2.5KV TRANSISTOR 4BGA



FODM121AR1

onsemi
OPTOISO 3.75KV TRANSISTOR 4SMD

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



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