



Image may be representation.  
See specifications for product details.



## FOD814A

Manufacturer Part Number	<b>FOD814A</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-FOD814A
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	OPTOISOLATOR 5KV TRANSISTOR 4DIP
Package	4-DIP (0.300", 7.62mm)
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

FOD814A - onsemi.New Original in Stock. Download Linear Technology FOD814A datasheet/specifications on AllelcoElec.com.  
Request a quote for FOD814A, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

FOD814A Tech Specifications

FOD814A - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Transistor
Voltage - Output (Max)	70V	Operating Temperature	-55°C ~ 105°C
Voltage - Isolation	5000Vrms	Number of Channels	1
Voltage - Forward (Vf) (Typ)	1.2V	Mounting Type	Through Hole
Vce Saturation (Max)	200mV	Input Type	AC, DC
Turn On / Turn Off Time (Typ)	-	Current Transfer Ratio (Min)	50% @ 1mA
Supplier Device Package	4-DIP	Current Transfer Ratio (Max)	150% @ 1mA
Series	-	Current - Output / Channel	50mA
Rise / Fall Time (Typ)	4µs, 3µs	Current - DC Forward (If) (Max)	50 mA
Package / Case	4-DIP (0.300", 7.62mm)	Base Product Number	FOD814
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi FOD814A

Product Attribute				
Part Number	FOD814A	FOD814A300	FOD814A3SD	FOD814A3S
Manufacturer	onsemi	onsemi	Fairchild Semiconductor	onsemi
Package / Case	4-DIP (0.300", 7.62mm)	4-DIP (0.300", 7.62mm)	4-SMD, Gull Wing	4-SMD, Gull Wing
Package	Tube	Tube	Bulk	Box
Operating Temperature	-55°C ~ 105°C	-55°C ~ 105°C	-55°C ~ 105°C	-55°C ~ 105°C
Supplier Device Package	4-DIP	4-DIP	4-SMD	4-SMD
Mounting Type	Through Hole	Through Hole	Surface Mount	Surface Mount
Input Type	AC, DC	AC, DC	AC, DC	AC, DC
Base Product Number	FOD814	FOD814	-	FOD814
Current - DC Forward (If) (Max)	50 mA	50 mA	50 mA	50 mA
Voltage - Isolation	5000Vrms	5000Vrms	5000Vrms	5000Vrms
Number of Channels	1	1	1	1
Output Type	Transistor	Transistor	Transistor	Transistor
Series	-	-	-	-
Current Transfer Ratio (Max)	150% @ 1mA	150% @ 1mA	150% @ 1mA	150% @ 1mA
Current Transfer Ratio (Min)	50% @ 1mA	50% @ 1mA	50% @ 1mA	50% @ 1mA
Vce Saturation (Max)	200mV	200mV	200mV	200mV
Voltage - Output (Max)	70V	70V	70V	70V
Rise / Fall Time (Typ)	4µs, 3µs	4µs, 3µs	4µs, 3µs	4µs, 3µs
Voltage - Forward (Vf) (Typ)	1.2V	1.2V	1.2V	1.2V
Turn On / Turn Off Time (Typ)	-	-	-	-
Current - Output / Channel	50mA	50mA	50mA	50mA

## FOD814A Datasheet PDF

Download FOD814A pdf datasheets and onsemi documentation for FOD814A - onsemi.

### Datasheets

[Cylindrical Battery Holders.pdf](#)

### Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration FOD814A.pdf](#)

## PCN Design/Specification



Logo 17/Aug/2017.pdf



Mult Changes 11/Aug/2021.pdf

## PCN Packaging



2.73KHz.pdf

## PCN Assembly/Origin



2.73KHz.pdf

## HTML Datasheet



Cylindrical Battery Holders.pdf

## Customers Also Interested in

### Recommended Products



#### FOD814A300

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4DIP



#### FOD814A3SD

Fairchild Semiconductor  
AC INPUT-TRANSISTOR OUTPUT  
OPTOC



#### FOD814A3S

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4SMD



#### FOD814

Fairchild Semiconductor  
AC INPUT-TRANSISTOR OUTPUT  
OPTOC



#### FOD814S

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4SMD



#### FOD8012AR2

onsemi  
OPTOISO 3.75KV 2CH PUSH PULL  
8SO



#### FOD814ASD

Fairchild Semiconductor  
AC INPUT-TRANSISTOR OUTPUT  
OPTOC



#### FOD8143S

Fairchild Semiconductor  
AC INPUT-TRANSISTOR OUTPUT  
OPTOC



#### FOD814A3SD

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4SMD



#### FOD8143SD

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4SMD



#### FOD814AS

Fairchild Semiconductor  
AC INPUT-TRANSISTOR OUTPUT  
OPTOC



#### FOD814300

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4DIP



#### FOD814AS

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4SMD



#### FOD814ASD

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4SMD



#### FOD8143S

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4SMD



#### FOD814S

Fairchild Semiconductor  
AC INPUT-TRANSISTOR OUTPUT  
OPTOC



#### FOD814

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4DIP



#### FOD8012A

onsemi  
OPTOISO 3.75KV 2CH PUSH PULL  
8SO

## 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.



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+00852 9146 4856



Email

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## Certifications & Memberships



View More

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