



Image may be representation.  
See specifications for product details.



## FOD817A300

Manufacturer Part Number	<b>FOD817A300</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-FOD817A300
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**

FOD817A300 - onsemi.New Original in Stock. Download Linear Technology FOD817A300 datasheet/specifications on AllelcoElec.com.  
Request a quote for FOD817A300, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

FOD817A300 Tech Specifications  
FOD817A300 - 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 ~ 110°C
Voltage - Isolation	5000Vrms	Number of Channels	1
Voltage - Forward (Vf) (Typ)	1.2V	Mounting Type	Through Hole
Vce Saturation (Max)	200mV	Input Type	DC
Turn On / Turn Off Time (Typ)	-	Current Transfer Ratio (Min)	80% @ 5mA
Supplier Device Package	4-DIP	Current Transfer Ratio (Max)	160% @ 5mA
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	FOD817
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi FOD817A300

Product Attribute				
Part Number	FOD817A300	FOD8173S	FOD817A	FOD816W
Manufacturer	onsemi	onsemi	Fairchild Semiconductor	onsemi
Package	Tube	Tube	Bulk	Box
Package / Case	4-DIP (0.300", 7.62mm)	4-SMD, Gull Wing	4-DIP (0.300", 7.62mm)	4-DIP (0.400", 10.16mm)
Current Transfer Ratio (Max)	160% @ 5mA	600% @ 5mA	160% @ 5mA	7500% @ 1mA
Base Product Number	FOD817	FOD817	-	FOD816
Current Transfer Ratio (Min)	80% @ 5mA	50% @ 5mA	80% @ 5mA	600% @ 1mA
Series	-	-	-	-
Vce Saturation (Max)	200mV	200mV	200mV	1V
Voltage - Output (Max)	70V	70V	70V	35V
Mounting Type	Through Hole	Surface Mount	Through Hole	Through Hole
Supplier Device Package	4-DIP	4-SMD	4-DIP	4-DIP
Current - DC Forward (If) (Max)	50 mA	50 mA	50 mA	50 mA
Voltage - Forward (Vf) (Typ)	1.2V	1.2V	1.2V	1.2V
Rise / Fall Time (Typ)	4µs, 3µs	4µs, 3µs	4µs, 3µs	60µs, 53µs
Voltage - Isolation	5000Vrms	5000Vrms	5000Vrms	5000Vrms
Input Type	DC	DC	DC	AC, DC
Output Type	Transistor	Transistor	Transistor	Darlington
Turn On / Turn Off Time (Typ)	-	-	-	-
Current - Output / Channel	50mA	50mA	50mA	80mA
Operating Temperature	-55°C ~ 110°C	-55°C ~ 110°C	-55°C ~ 110°C	-30°C ~ 100°C
Number of Channels	1	1	1	1

### FOD817A300 Datasheet PDF

Download FOD817A300 pdf datasheets and onsemi documentation for FOD817A300 - onsemi.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration FOD817A300.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



#### FOD8173S

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4SMD



#### FOD817A

Fairchild Semiconductor  
TRANSISTOR OUTPUT  
OPTOCOUPLER, 5



#### FOD816W

onsemi  
OPTOISOLATOR 5KV DARLINGTON  
4DIP



#### FOD817A

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4DIP



#### FOD817ASD

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4SMD



#### FOD8173SD

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4SMD



#### FOD817ASD\_F117

Fairchild Semiconductor  
TRANSISTOR OUTPUT  
OPTOCOUPLER, 5



#### FOD817ASD\_F117

onsemi  
INTEGRATED CIRCUIT



#### FOD817A3SD

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4SMD



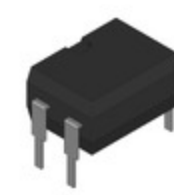
#### FOD817A300W

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4DIP



#### FOD817A3S

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4SMD



#### FOD817A300W

Fairchild Semiconductor  
TRANSISTOR OUTPUT  
OPTOCOUPLER, 5



#### FOD817AS

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
4SMD



#### FOD817A3S

Fairchild Semiconductor  
TRANSISTOR OUTPUT  
OPTOCOUPLER, 5



#### FOD817A3SD

Fairchild Semiconductor  
TRANSISTOR OUTPUT  
OPTOCOUPLER, 5



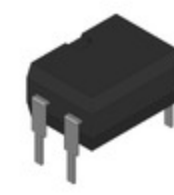
#### FOD817

Fairchild Semiconductor  
TRANSISTOR OUTPUT  
OPTOCOUPLER, 5



#### FOD816SD

onsemi  
OPTOISOLATOR 5KV DARLINGTON  
4SMD



#### FOD817A300

Fairchild Semiconductor  
TRANSISTOR OUTPUT  
OPTOCOUPLER, 5

## 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.



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## Certifications & Memberships



View More

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