

Image may be representation.  
See specifications for product details.

## FOD2743C

Manufacturer Part Number	<b>FOD2743C</b>
Manufacturer	<b>Fairchild (onsemi)</b>
Allelco Part Number	32D-FOD2743C
ECAD Model	Request Free CAD Models
Parts Description	TRANSISTOR OUTPUT OPTOCOPLER
Package	8-DIP (0.300", 7.62mm)
Data sheet	FOD2743C.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**



FOD2743C - Fairchild Semiconductor. New Original in Stock. Download Linear Technology FOD2743C datasheet/specifications on AllelcoElec.com.  
Request a quote for FOD2743C, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

FOD2743C Tech Specifications

FOD2743C - Fairchild Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Fairchild (onsemi)	Package	Tube
Voltage - Output (Max)	70V	Output Type	Transistor
Voltage - Isolation	5000Vrms	Operating Temperature	-40°C ~ 85°C
Voltage - Forward (Vf) (Typ)	1.07V	Number of Channels	1
Vce Saturation (Max)	400mV	Mounting Type	Through Hole
Turn On / Turn Off Time (Typ)	-	Input Type	DC
Supplier Device Package	8-DIP	Current Transfer Ratio (Min)	50% @ 1mA
Series	-	Current Transfer Ratio (Max)	100% @ 1mA
Rise / Fall Time (Typ)	-	Current - Output / Channel	50mA
Package / Case	8-DIP (0.300", 7.62mm)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Fairchild Semiconductor FOD2743C

Product Attribute				
Part Number	FOD2743C	FOD2743B	FOD2742C	FOD2743A
Manufacturer	Fairchild Semiconductor	Fairchild Semiconductor	onsemi	onsemi
Voltage - Forward (Vf) (Typ)	1.07V	1.07V	1.2V	1.07V
Series	-	-	-	-
Voltage - Output (Max)	70V	70V	70V	70V
Voltage - Isolation	5000Vrms	5000Vrms	2500Vrms	5000Vrms
Turn On / Turn Off Time (Typ)	-	-	-	-
Current Transfer Ratio (Min)	50% @ 1mA	50% @ 1mA	100% @ 10mA	50% @ 1mA
Package / Case	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)
Input Type	DC	DC	DC	DC
Vce Saturation (Max)	400mV	400mV	400mV	400mV
Rise / Fall Time (Typ)	-	-	-	-
Package	Tube	Bulk	Tube	Tube
Supplier Device Package	8-DIP	8-DIP	8-SOIC	8-DIP
Mounting Type	Through Hole	Through Hole	Surface Mount	Through Hole
Output Type	Transistor	Transistor	Transistor	Transistor
Current Transfer Ratio (Max)	100% @ 1mA	100% @ 1mA	200% @ 10mA	100% @ 1mA
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-25°C ~ 85°C	-40°C ~ 85°C
Current - Output / Channel	50mA	50mA	50mA	50mA
Number of Channels	1	1	1	1

## Customers Also Interested in

### Recommended Products



**FOD2743B**

Fairchild Semiconductor  
TRANSISTOR OUTPUT  
OPTOCOPLER, 5



**FOD2742C**

onsemi  
OPTOISO 2.5KV TRANSISTOR 8SOIC



**FOD3080S**

Fairchild (onsemi)



**FOD2743A**

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
8DIP



**FOD2743ASD**

onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
8SMD



**FOD2742CR1**

Fairchild Semiconductor  
TRANSISTOR OUTPUT  
OPTOCOPLER

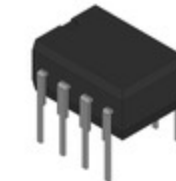


**FOD2P40TM**

Fairchild (onsemi)

**FOD3120SD**onsemi  
OPTOISO 5KV 1CH GATE DRIVER  
8SMD**FOD3120S**Fairchild Semiconductor  
FET OUTPUT OPTOCOUPLER**FOD2743B**onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
8DIP**FOD2743C**onsemi  
OPTOISOLATOR 5KV TRANSISTOR  
8DIP**FOD2742CR1**onsemi  
OPTOISO 2.5KV TRANSISTOR 8SOIC**FOD3120SDV**onsemi  
OPTOISO 5KV 1CH GATE DRIVER  
8SMD**FOD3120**onsemi  
OPTOISO 5KV 1CH GATE DRIVER  
8DIP**FOD3120S**onsemi  
OPTOISO 5KV 1CH GATE DRIVER  
8SMD**FOD2743**

Fairchild (onsemi)

**FOD2742C**Fairchild Semiconductor  
TRANSISTOR OUTPUT  
OPTOCOUPLER**FOD2743A**Fairchild Semiconductor  
TRANSISTOR 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.



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## Certifications & Memberships



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