



Image may be representation.
See specifications for product details.

FOD0710R2

Manufacturer Part Number	FOD0710R2
Manufacturer	Fairchild (onsemi)
Allelco Part Number	32D-FOD0710R2
ECAD Model	Request Free CAD Models
Parts Description	HIGH CMR, 12.5MBIT/SEC LOGIC GAT
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	FOD0710R2.pdf

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FOD0710R2 - Fairchild Semiconductor. New Original in Stock. Download Linear Technology FOD0710R2 datasheet/specifications on AllelcoElec.com.
Request a quote for FOD0710R2, please send us email: info@allelco.com



Specifications

FOD0710R2 Tech Specifications

FOD0710R2 - Fairchild Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Fairchild (onsemi)	Output Type	Push-Pull, Totem Pole
Voltage - Supply	4.5V ~ 5.5V	Operating Temperature	-40°C ~ 100°C
Voltage - Isolation	3750Vrms	Number of Channels	1
Voltage - Forward (Vf) (Typ)	-	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Inputs - Side 1/Side 2	1/0
Series	-	Input Type	Logic
Rise / Fall Time (Typ)	5ns, 4.5ns	Data Rate	12.5Mbps
Propagation Delay tpLH / tpHL (Max)	40ns, 40ns	Current - Output / Channel	10 mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Current - DC Forward (If) (Max)	-
Package	Bulk	Common Mode Transient Immunity (Min)	20kV/μs

Parts with Similar Specifications

The three parts on the right have similar specifications to Fairchild Semiconductor FOD0710R2

Product Attribute				
Part Number	FOD0710R2	FOD0708R2	FOD0721	FOD0708R1
Manufacturer	Fairchild Semiconductor	onsemi	onsemi	onsemi
Current - DC Forward (If) (Max)	-	20mA	-	20mA
Operating Temperature	-40°C ~ 100°C	-40°C ~ 100°C	-40°C ~ 100°C	-40°C ~ 100°C
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Input Type	Logic	DC	Logic	DC
Voltage - Isolation	3750Vrms	2500Vrms	3750Vrms	2500Vrms
Number of Channels	1	1	1	1
Rise / Fall Time (Typ)	5ns, 4.5ns	12ns, 8ns	5ns, 4.5ns	12ns, 8ns
Propagation Delay tpLH / tpHL (Max)	40ns, 40ns	60ns, 60ns	40ns, 40ns	60ns, 60ns
Data Rate	12.5Mbps	15MBd	25Mbps	15MBd
Series	-	-	-	-
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Package	Bulk	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Voltage - Forward (Vf) (Typ)	-	1.45V	-	1.45V
Common Mode Transient Immunity (Min)	20kV/μs	25kV/μs	20kV/μs	25kV/μs
Current - Output / Channel	10 mA	2 mA	10 mA	2 mA
Inputs - Side 1/Side 2	1/0	1/0	1/0	1/0
Output Type	Push-Pull, Totem Pole	Push-Pull, Totem Pole	Push-Pull, Totem Pole	Push-Pull, Totem Pole
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

Customers Also Interested in

Recommended Products



FOD0708R2

onsemi
OPTOISO 2.5KV PUSH PULL 8SO



FOD0721

onsemi
OPTOISO 3.75KV PUSH PULL 8SO



FOD0701

Fairchild (onsemi)



FOD0708R1

onsemi
OPTOISO 2.5KV PUSH PULL 8SMD



FOD0700

Fairchild (onsemi)



FOD0708

onsemi
OPTOISO 2.5KV PUSH PULL 8SO



FOD063LR2
Fairchild (onsemi)



FOD0738
Fairchild Semiconductor
LOGIC IC OUTPUT OPTOCOUPLER



FOD0720R2
Fairchild Semiconductor
HIGH CMR, 25MBIT/SEC LOGIC GATE



FOD070LR2
onsemi
OPTOISO 2.5KV DARL W/BASE 8SOIC



FOD0710
onsemi
OPTOISO 3.75KV PUSH PULL 8SO



FOD0720
onsemi
OPTOISO 3.75KV PUSH PULL 8SO



FOD0710R2
onsemi
OPTOISO 3.75KV PUSH PULL 8SO



FOD072LP1
Fairchild (onsemi)



FOD0721R2
onsemi
OPTOISO 3.75KV PUSH PULL 8SO



FOD0730
AMI Semiconductor/onsemi

FOD063LS
Fairchild (onsemi)

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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 Email
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Certifications & Memberships



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