



Image may be representation.
See specifications for product details.



FDV304P

Manufacturer Part Number	FDV304P
Manufacturer	onsemi
Allelco Part Number	32D-FDV304P
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET P-CH 25V 460MA SOT23
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	FDV304P.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

FDV304P - onsemi.New Original in Stock. Download Linear Technology FDV304P datasheet/specifications on AllelcoElec.com.
Request a quote for FDV304P, please send us email: info@allelco.com

Specifications

FDV304P Tech Specifications
FDV304P - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	1.5V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±8V	Input Capacitance (Ciss) (Max) @ Vds	63 pF @ 10 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	1.5 nC @ 4.5 V
Supplier Device Package	SOT-23-3	FET Type	P-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	1.10hm @ 500mA, 4.5V	Drive Voltage (Max Rds On, Min Rds On)	2.7V, 4.5V
Power Dissipation (Max)	350mW (Ta)	Drain to Source Voltage (Vdss)	25 V
Package / Case	TO-236-3, SC-59, SOT-23-3	Current - Continuous Drain (Id) @ 25°C	460mA (Ta)
Package	Tape & Reel (TR)	Base Product Number	FDV304

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi FDV304P

Product Attribute				
Part Number	FDV304P	FDV302P	FDV305N	FDV303N
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	SOT-23-3	SOT-23-3	SOT-23-3	SOT-23-3
Vgs(th) (Max) @ Id	1.5V @ 250µA	1.5V @ 250µA	1.5V @ 250µA	1.5V @ 250µA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Power Dissipation (Max)	350mW (Ta)	350mW (Ta)	350mW (Ta)	350mW (Ta)
Input Capacitance (Ciss) (Max) @ Vds	63 pF @ 10 V	11 pF @ 10 V	109 pF @ 10 V	50 pF @ 10 V
Drive Voltage (Max Rds On, Min Rds On)	2.7V, 4.5V	2.7V, 4.5V	2.5V, 4.5V	2.7V, 4.5V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Base Product Number	FDV304	FDV30	FDV305	FDV303
Drain to Source Voltage (Vdss)	25 V	25 V	20 V	25 V
Gate Charge (Qg) (Max) @ Vgs	1.5 nC @ 4.5 V	0.31 nC @ 4.5 V	1.5 nC @ 4.5 V	2.3 nC @ 4.5 V
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
FET Feature	-	-	-	-
FET Type	P-Channel	P-Channel	N-Channel	N-Channel
Current - Continuous Drain (Id) @ 25°C	460mA (Ta)	120mA (Ta)	900mA (Ta)	680mA (Ta)
Vgs (Max)	±8V	-8V	±12V	±8V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	PowerTrench®	-
Rds On (Max) @ Id, Vgs	1.10hm @ 500mA, 4.5V	100hm @ 200mA, 4.5V	220mOhm @ 900mA, 4.5V	450mOhm @ 500mA, 4.5V

FDV304P Datasheet PDF

Download FDV304P pdf datasheets and onsemi documentation for FDV304P - onsemi.

Datasheets

[FDV304P.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Packaging

Mult Devices 24/Oct/2017.pdf

Binary Year Code Marking 15/Jan/2014.pdf

PCN Design/Specification

Marking Change 07/Oct/2022.pdf

Mult Dev 07/Jun/2023.pdf

PCN Assembly/Origin

Assembly Change 17/May/2023.pdf

Customers Also Interested in

Recommended Products



FDV302P

onsemi
MOSFET P-CH 25V 120MA SOT23



FDV304P MOS

Fairchild (onsemi)



FDV336P

GC Electronics



FDV304

Fairchild (onsemi)



FDV303N-NL

Fairchild (onsemi)



FDV303N_NL

Fairchild (onsemi)



FDV305N

onsemi
MOSFET N-CH 20V 900MA SOT23



FDV305N MOS

Fairchild (onsemi)



FDV303N

onsemi
MOSFET N-CH 25V 680MA SOT23



FDV302P-NL

Fairchild (onsemi)



FDV305N

Fairchild Semiconductor
SMALL SIGNAL FIELD-EFFECT TRANSI



FDV303

Fairchild (onsemi)



FDV305N-NL

Fairchild (onsemi)



FDV303N MOS

Fairchild (onsemi)



FDV304P-NL

Fairchild (onsemi)



FDV304P

Fairchild Semiconductor
SMALL SIGNAL FIELD-EFFECT TRANSI



FDV302P MOS

Fairchild (onsemi)



FDV302P

Fairchild Semiconductor
SMALL SIGNAL FIELD-EFFECT TRANSI

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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