



FCPF260N65FL1

Manufacturer Part Number	FCPF260N65FL1
Manufacturer	Fairchild (onsemi)
Allelco Part Number	32D-FCPF260N65FL1
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 650V 15A TO220F
Package	TO-220-3 Full Pack
Data sheet	FCPF260N65FL1.pdf



Get a Quote

FCPF260N65FL1 - Fairchild Semiconductor. New Original in Stock. Download Linear Technology FCPF260N65FL1 datasheet/specifications on AllelcoElec.com.
Request a quote for FCPF260N65FL1, please send us email: info@allelco.com

Specifications

FCPF260N65FL1 Tech Specifications
FCPF260N65FL1 - Fairchild Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Fairchild (onsemi)	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	5V @ 1.5mA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	2340 pF @ 100 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	60 nC @ 10 V
Supplier Device Package	TO-220F-3	FET Type	N-Channel
Series	FRFET®, SuperFET® II	FET Feature	-
Rds On (Max) @ Id, Vgs	260mOhm @ 7.5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	36W (Tc)	Drain to Source Voltage (Vdss)	650 V
Package / Case	TO-220-3 Full Pack	Current - Continuous Drain (Id) @ 25°C	15A (Tc)
Package	Bulk		

Parts with Similar Specifications













The three parts on the right have similar specifications to Fairchild Semiconductor FCPF260N65FL1

Product Attribute	NO PICTURE			
Part Number	FCPF260N65FL1	FCPF250N65S3R0L	FCPF380N60	FCPF260N65FL1-F154
Manufacturer	Fairchild Semiconductor	onsemi	Fairchild Semiconductor	onsemi
Power Dissipation (Max)	36W (Tc)	31W (Tc)	31W (Tc)	36W (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	-
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Vgs (Max)	±20V	±30V	±20V	±20V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Series	FRFET®, SuperFET® II	SuperFET® III	SuperFET® II	FRFET®, SuperFET® II
Drain to Source Voltage (Vdss)	650 V	650 V	600 V	650 V
Current - Continuous Drain (Id) @ 25°C	15A (Tc)	12A (Tc)	10.2A (Tc)	15A (Tc)
Package	Bulk	Tube	Bulk	Tube
Vgs(th) (Max) @ Id	5V @ 1.5mA	4.5V @ 1.2mA	3.5V @ 250µA	5V @ 1.5mA
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Rds On (Max) @ Id, Vgs	260mOhm @ 7.5A, 10V	250mOhm @ 6A, 10V	380mOhm @ 5A, 10V	260mOhm @ 7.5A, 10V
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Gate Charge (Qg) (Max) @ Vgs	60 nC @ 10 V	24 nC @ 10 V	40 nC @ 10 V	60 nC @ 10 V
Input Capacitance (Ciss) (Max) @ Vds	2340 pF @ 100 V	1010 pF @ 400 V	1665 pF @ 25 V	2340 pF @ 100 V
FET Feature	-	-	-	-
Package / Case	TO-220-3 Full Pack	TO-220-3 Full Pack	TO-220-3 Full Pack	TO-220-3 Full Pack
Supplier Device Package	TO-220F-3	TO-220F-3	TO-220F-3	TO-220F-3

Customers Also Interested in

Recommended Products

 FCPF250N65S3R0L onsemi MOSFET N-CH 650V 12A TO220F-3	 FCPF360N65S3R0 Fairchild (onsemi)	 FCPF380N60 Fairchild Semiconductor POWER FIELD-EFFECT TRANSISTOR, 1	 FCPF260N65FL1-F154 onsemi MOSFET N-CH 650V 15A TO220F-3	 FCPF360N65S3R0L onsemi MOSFET N-CH 650V 10A TO220F-3	 FCPF290N80 onsemi MOSFET N-CH 800V 17A TO220F

FCPF22N60NT onsemi MOSFET N-CH 600V 22A TO220F 	FCPF22N60NT MOS Fairchild (onsemi) 	FCPF36N60N Fairchild (onsemi) 	FCPF290N80 Fairchild Semiconductor POWER FIELD-EFFECT TRANSISTOR, 1 	FCPF36N60NT onsemi MOSFET N-CH 600V 36A TO220F 	FCPF36N60NT Fairchild Semiconductor MOSFET N-CH 600V 36A TO220F 
FCPF260N65FL1 onsemi MOSFET N-CH 650V 15A TO220F 	FCPF260N65F Fairchild (onsemi) 	FCPF260N60E onsemi MOSFET N CH 600V 15A TO-220F 	FCPF250N65S3L1 onsemi MOSFET N-CH 650V 12A TO220F-3 	FCPF360N65S3 Fairchild (onsemi) 	FCPF260N60E Fairchild Semiconductor POWER FIELD-EFFECT TRANSISTOR, N 

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

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Email

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Certifications & Memberships



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