





IRF150P220AKMA1

Manufacturer Part Number	IRF150P220AKMA1
Manufacturer	Infinion Technologies
Allelco Part Number	32D-IRF150P220AKMA1
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N-CH 150V 203A TO247-3
Package	TO-247-3
Data sheet	IRF150P220AKMA1.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

IRF150P220AKMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology IRF150P220AKMA1 datasheet/specifications on AllelcoElec.com.
Request a quote for IRF150P220AKMA1, please send us email: info@allelco.com

Specifications





IRF150P220AKMA1 Tech Specifications

IRF150P220AKMA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-55°C ~ 175°C (TJ)
Vgs(th) (Max) @ Id	4.6V @ 265µA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	12000 pF @ 75 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	200 nC @ 10 V
Supplier Device Package	PG-TO247-3	FET Type	N-Channel
Series	StrongIRFET™	FET Feature	-
Rds On (Max) @ Id, Vgs	2.7mOhm @ 100A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	3.8W (Ta), 556W (Tc)	Drain to Source Voltage (Vdss)	150 V
Package / Case	TO-247-3	Current - Continuous Drain (Id) @ 25°C	203A (Tc)
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IRF150P220AKMA1

Product Attribute	 NO PICTURE			
Part Number	IRF150P220AKMA1	IRF1607	IRF1503STRLPBF	IRF1607PBF
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	International Rectifier
FET Feature	-	-	-	-
Package / Case	TO-247-3	TO-220-3	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-3
Gate Charge (Qg) (Max) @ Vgs	200 nC @ 10 V	320 nC @ 10 V	200 nC @ 10 V	320 nC @ 10 V
Current - Continuous Drain (Id) @ 25°C	203A (Tc)	142A (Tc)	75A (Tc)	142A (Tc)
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Input Capacitance (Ciss) (Max) @ Vds	12000 pF @ 75 V	7750 pF @ 25 V	5730 pF @ 25 V	7750 pF @ 25 V
Package	Tube	Tube	Tape & Reel (TR)	Bulk
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Supplier Device Package	PG-TO247-3	TO-220AB	D2PAK	TO-220AB
Vgs(th) (Max) @ Id	4.6V @ 265µA	4V @ 250µA	4V @ 250µA	4V @ 250µA
Power Dissipation (Max)	3.8W (Ta), 556W (Tc)	380W (Tc)	200W (Tc)	380W (Tc)
Rds On (Max) @ Id, Vgs	2.7mOhm @ 100A, 10V	7.5mOhm @ 85A, 10V	3.3mOhm @ 140A, 10V	7.5mOhm @ 85A, 10V
Drain to Source Voltage (Vdss)	150 V	75 V	30 V	75 V
Vgs (Max)	±20V	±20V	±20V	±20V
Mounting Type	Through Hole	Through Hole	Surface Mount	Through Hole
Series	StrongIRFET™	HEXFET®	HEXFET®	HEXFET®
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)

Customers Also Interested in

Recommended Products



IRF1704 MOS
IR



IRF1607
Infineon Technologies
MOSFET N-CH 75V 142A TO220AB



IRF1705
HAR



IRF1503STRLPBF
Infineon Technologies
MOSFET N-CH 30V 75A D2PAK



IRF1640
IR



IRF1503S
IR



IRF1607PBF	IRF1503LPBF	IRF1503SPBF MOS	IRF14212H	IRF150P221	IRF150NPBF
International Rectifier MOSFET N-CH 75V 142A TO220AB	Infineon Technologies MOSFET N-CH 30V 75A TO262	IR	IR	Cypress Semiconductor (Infineon Technologies)	IR
IRF1520N	IRF1503	IRF152	IRF150	IRF1704	IRF1503SPBF
IR	IR	IR	IR	Infineon Technologies MOSFET N-CH 40V 170A TO220AB	Infineon Technologies MOSFET N-CH 30V 75A D2PAK

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.

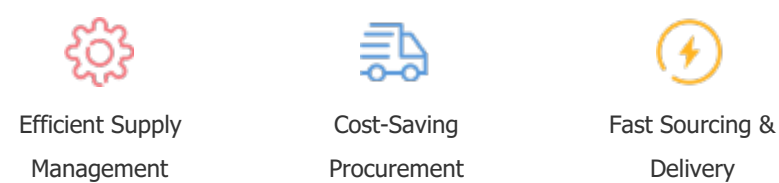
Payment Support

The payment method can be chosen from the methods shown below:

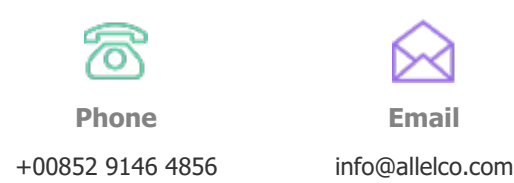
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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