

Image may be representation.  
See specifications for product details.



## IRF9Z34NSTRLPBF

Manufacturer Part Number	<b>IRF9Z34NSTRLPBF</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-IRF9Z34NSTRLPBF
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	<b>MOSFET P-CH 55V 19A D2PAK</b>
Package	<b>TO-263-3, D<sup>2</sup>Pak (2 Leads + Tab), TO-263AB</b>
Data sheet	IRF9Z34NSTRLPBF.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

IRF9Z34NSTRLPBF - Infineon Technologies. New Original in Stock. Download Linear Technology IRF9Z34NSTRLPBF datasheet/specifications on AllelcoElec.com. Request a quote for IRF9Z34NSTRLPBF, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

IRF9Z34NSTRLPBF Tech Specifications  
IRF9Z34NSTRLPBF - 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	4V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	620 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	35 nC @ 10 V
Supplier Device Package	D2PAK	FET Type	P-Channel
Series	HEXFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	100mOhm @ 10A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	3.8W (Ta), 68W (Tc)	Drain to Source Voltage (Vdss)	55 V
Package / Case	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	Current - Continuous Drain (Id) @ 25°C	19A (Tc)
Package	Tape & Reel (TR)	Base Product Number	IRF9Z34

### Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IRF9Z34NSTRLPBF

Product Attribute				
Part Number	IRF9Z34NSTRLPBF	IRF9Z34S	IRF9Z34STRR	IRF9Z34NPBF
Manufacturer	Infineon Technologies	Vishay Siliconix	Vishay Siliconix	Infineon Technologies
FET Feature	-	-	-	-
Vgs(th) (Max) @ Id	4V @ 250µA	4V @ 250µA	4V @ 250µA	4V @ 250µA
Series	HEXFET®	-	-	HEXFET®
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Power Dissipation (Max)	3.8W (Ta), 68W (Tc)	3.7W (Ta), 88W (Tc)	3.7W (Ta), 88W (Tc)	68W (Tc)
Rds On (Max) @ Id, Vgs	100mOhm @ 10A, 10V	140mOhm @ 11A, 10V	140mOhm @ 11A, 10V	100mOhm @ 10A, 10V
FET Type	P-Channel	P-Channel	P-Channel	P-Channel
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Supplier Device Package	D2PAK	D <sup>2</sup> PAK (TO-263)	D <sup>2</sup> PAK (TO-263)	TO-220AB
Gate Charge (Qg) (Max) @ Vgs	35 nC @ 10 V	34 nC @ 10 V	34 nC @ 10 V	35 nC @ 10 V
Base Product Number	IRF9Z34	IRF9	IRF9	IRF9Z34
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
Package / Case	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	TO-220-3
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Current - Continuous Drain (Id) @ 25°C	19A (Tc)	18A (Tc)	18A (Tc)	19A (Tc)
Vgs (Max)	±20V	±20V	±20V	±20V
Input Capacitance (Ciss) (Max) @ Vds	620 pF @ 25 V	1100 pF @ 25 V	1100 pF @ 25 V	620 pF @ 25 V
Drain to Source Voltage (Vdss)	55 V	60 V	60 V	55 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole

### IRF9Z34NSTRLPBF Datasheet PDF

Download IRF9Z34NSTRLPBF pdf datasheets and Infineon Technologies documentation for IRF9Z34NSTRLPBF - Infineon Technologies.

#### Other Related Documents

IR Part Numbering System.pdf

#### PCN Design/Specification

Mult Dev Label Chgs 8/Sep/2021.pdf



















Mult Dev Label Chgs Aug/2020.pdf

#### PCN Packaging

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 <b>IRF9Z34S</b> Vishay Siliconix MOSFET P-CH 60V 18A D2PAK	 <b>IRF9Z34STRR</b> Vishay Siliconix MOSFET P-CH 60V 18A D2PAK	 <b>IRF9Z34NPBF</b> Infineon Technologies MOSFET P-CH 55V 19A TO220AB	 <b>IRF9Z34STRLPBF</b> Vishay Siliconix MOSFET P-CH 60V 18A D2PAK	 <b>IRF9Z34NS</b> IR	 <b>IRF9Z30</b> Vishay Siliconix MOSFET P-CH 50V 18A TO220AB
 <b>IRF9Z34STRL</b> Vishay Siliconix MOSFET P-CH 60V 18A D2PAK	 <b>IRF9Z34STRRPBF</b> Vishay Siliconix MOSFET P-CH 60V 18A D2PAK	 <b>IRF9Z34NLPBF</b> Infineon Technologies PLANAR 40<<-<100V	 <b>IRF9Z34SPBF</b> Vishay Siliconix MOSFET P-CH 60V 18A D2PAK	 <b>IRF9Z34PBF</b> Vishay Siliconix MOSFET P-CH 60V 18A TO220AB	 <b>IRF9Z34NSTRRPBF</b> International Rectifier AUTOMOTIVE HEXFET P-CHANNEL POWE
 <b>IRF9Z34N</b> IR	 <b>IRF9Z34NSPBF</b> Infineon Technologies MOSFET P-CH 55V 19A D2PAK	 <b>IRF9Z34</b> Vishay Siliconix MOSFET P-CH 60V 18A TO220AB	 <b>IRF9Z34NS/F9Z34NS</b> IR	 <b>IRF9Z34NL</b> Infineon Technologies MOSFET P-CH 55V 19A TO262	 <b>IRF9Z24STRRPBF</b> Vishay Siliconix MOSFET P-CH 60V 11A 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 -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



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