



## **IRFS4229PBF Information**



For Reference Only

Part Number IRFS4229PBF

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 250V 45A D2PAK

Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **IRFS4229PBF Specifications**

| Manufacturer Part Number               | IRFS4229PBF                               |
|--|---|
| Manufacturer                           | Infineon Technologies                     |
| Category                               | Discrete Semiconductor Products           |
|  | Transistors - FETs, MOSFETs - Single      |
| Package                                | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB |
| Series                                 | HEXFET?                                   |
| FET Type                               | N-Channel                                 |
| Technology                             | MOSFET (Metal Oxide)                      |
| Drain to Source Voltage (Vdss)         | 250V                                      |
| Current - Continuous Drain (Id) @ 25°C | 45A (Tc)                                  |
| Drive Voltage (Max Rds On, Min Rds On) | 10V                                       |
| Vgs(th) (Max) @ Id                     | 5V @ 250μA                                |
| Gate Charge (Qg) (Max) @ Vgs           | 110nC @ 10V                               |
| Input Capacitance (Ciss) (Max) @ Vds   | 4560pF @ 25V                              |
| Vgs (Max)                              | ±30V                                      |
| FET Feature                            | -   |
| Power Dissipation (Max)                | 330W (Tc)                                 |
| Rds On (Max) @ Id, Vgs                 | 48 mOhm @ 26A, 10V                        |
| Operating Temperature                  | -40°C ~ 175°C (TJ)                        |
| Mounting Type                          | Surface Mount                             |
| Supplier Device Package                | D2PAK                                     |
| Package / Case                         | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB |
|  | Report errors?                            |

#### **IRFS4229PBF Guarantees**



### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## **IRFS4229PBF Payment Methods**









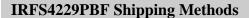
























If you have any question about IRFS4229PBF, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com