

# IRFR9N20DTRPBF

#### **IRFR9N20DTRPBF Information**



For Reference Only

**Part Number** IRFR9N20DTRPBF **Manufacturer** Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 200V 9.4A DPAK **Package** TO-252-3, DPak (2 Leads + Tab), SC-63

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.









# **IRFR9N20DTRPBF Specifications**

| Manufacturer Part Number               | IRFR9N20DTRPBF                        |
|--|---------------------------------------|
| Manufacturer                           | Infineon Technologies                 |
| Category                               | Discrete Semiconductor Products       |
|  | Transistors - FETs, MOSFETs - Single  |
| Package                                | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Series                                 | HEXFET?                               |
| FET Type                               | N-Channel                             |
| Technology                             | MOSFET (Metal Oxide)                  |
| Drain to Source Voltage (Vdss)         | 200V                                  |
| Current - Continuous Drain (Id) @ 25°C | 9.4A (Tc)                             |
| Drive Voltage (Max Rds On, Min Rds On) | 10V                                   |
| Vgs(th) (Max) @ Id                     | 5.5V @ 250μA                          |
| Gate Charge (Qg) (Max) @ Vgs           | 27nC @ 10V                            |
| Input Capacitance (Ciss) (Max) @ Vds   | 560pF @ 25V                           |
| Vgs (Max)                              | ±30V                                  |
| FET Feature                            | -                                     |
| Power Dissipation (Max)                | 86W (Tc)                              |
| Rds On (Max) @ Id, Vgs                 | 380 mOhm @ 5.6A, 10V                  |
| Operating Temperature                  | -55°C ~ 175°C (TJ)                    |
| Mounting Type                          | Surface Mount                         |
| Supplier Device Package                | D-Pak                                 |
| Package / Case                         | TO-252-3, DPak (2 Leads + Tab), SC-63 |
|  | Report errors?                        |

#### **IRFR9N20DTRPBF** 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.

### **IRFR9N20DTRPBF Payment Methods**



















# **IRFR9N20DTRPBF Shipping Methods**













If you have any question about IRFR9N20DTRPBF, please do not hesitate to contact us!

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