

IRF510SPBF Information


For Reference Only

Part Number [IRF510SPBF](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 5.6A 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


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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.


IRF510SPBF Specifications

| | |
|--|---|
| Manufacturer Part Number | IRF510SPBF |
| Manufacturer | Vishay Siliconix |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB |
| Series | - |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 100V |
| Current - Continuous Drain (Id) @ 25°C | 5.6A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 8.3nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 180pF @ 25V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 3.7W (Ta), 43W (Tc) |
| Rds On (Max) @ Id, Vgs | 540 mOhm @ 3.4A, 10V |
| Operating Temperature | -55°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?](#)

IRF510SPBF 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.

IRF510SPBF Payment Methods



IRF510SPBF Shipping Methods



If you have any question about IRF510SPBF, please do not hesitate to contact us!

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