# IRLI520GPBF

## IRLI520GPBF Information


For Reference Only

**Part Number** IRLI520GPBF
**Manufacturer** Vishay Siliconix
**Category** Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
**Description** MOSFET N-CH 100V 7.2A TO220FP
**Package** TO-220-3 Full Pack, Isolated Tab

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.

## IRLI520GPBF Specifications

| | |
|---|---|
| Manufacturer Part Number | IRLI520GPBF |
| Manufacturer | Vishay Siliconix |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | TO-220-3 Full Pack, Isolated Tab |
| Series | - |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 100V |
| Current - Continuous Drain (Id) @ 25°C | 7.2A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 4V, 5V |
| Vgs(th) (Max) @ Id | 2V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 12nC @ 5V |
| Input Capacitance (Ciss) (Max) @ Vds | 490pF @ 25V |
| Vgs (Max) | ±10V |
| FET Feature | - |
| Power Dissipation (Max) | 37W (Tc) |
| Rds On (Max) @ Id, Vgs | 270 mOhm @ 4.3A, 5V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-220-3 |
| Package / Case | TO-220-3 Full Pack, Isolated Tab |
| | Report errors? |

## IRLI520GPBF 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.

## IRLI520GPBF Payment Methods

## IRLI520GPBF Shipping Methods

If you have any question about IRLI520GPBF, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com