

# IRL5602

#### **IRL5602 Information**

|                    | Part Number  | IRL5602   |
|--------------------|--------------|---|
| 4                  | Manufacturer | Infineon Technologies   |
| www.elsper.com     | Category     | Discrete Semiconductor Products<br>Transistors - FETs, MOSFETs - Single   |
| - Cl               | Description  | MOSFET P-CH 20V 24A TO-220AB  |
| 11,                | Package      | TO-220-3  |
|                    |              | For the pricing/inventory/lead time, please contact                       |
| For Reference Only |              | us<br>Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com |

## **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.

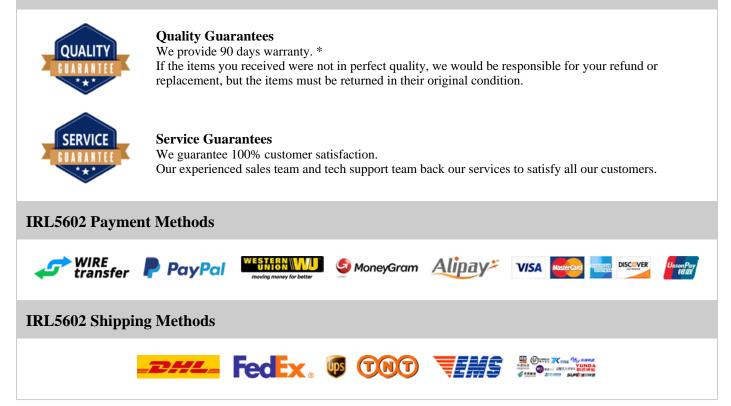


Request a Quote

## **IRL5602** Specifications

| Manufacturer Part Number               | IRL5602                              |
|--|--------------------------------------|
| Manufacturer                           | Infineon Technologies                |
| Category                               | Discrete Semiconductor Products      |
|  | Transistors - FETs, MOSFETs - Single |
| Package                                | TO-220-3                             |
| Series                                 | HEXFET?                              |
| FET Type                               | P-Channel                            |
| Technology                             | MOSFET (Metal Oxide)                 |
| Drain to Source Voltage (Vdss)         | 20V                                  |
| Current - Continuous Drain (Id) @ 25°C | 24A (Tc)                             |
| Drive Voltage (Max Rds On, Min Rds On) | 2.5V, 4.5V                           |
| Vgs(th) (Max) @ Id                     | 1V @ 250µA                           |
| Gate Charge (Qg) (Max) @ Vgs           | 44nC @ 4.5V                          |
| Input Capacitance (Ciss) (Max) @ Vds   | 1460pF @ 15V                         |
| Vgs (Max)                              | $\pm 8V$                             |
| FET Feature                            | -                                    |
| Power Dissipation (Max)                | -                                    |
| Rds On (Max) @ Id, Vgs                 | 42 mOhm @ 12A, 4.5V                  |
| Operating Temperature                  | -                                    |
| Mounting Type                          | Through Hole                         |
| Supplier Device Package                | TO-220AB                             |
| Package / Case                         | TO-220-3                             |
|  | Report errors?                       |

#### **IRL5602 Guarantees**



If you have any question about IRL5602, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com