

# **SFP9540**

#### **SFP9540 Information**

| www.heisees.com    | Part Number  | SFP9540   |
|--------------------|--------------|---|
|                    | Manufacturer | Fairchild/ON Semiconductor  |
|                    | Category     | Discrete Semiconductor Products<br>Transistors - FETs, MOSFETs - Single |
|                    | Description  | MOSFET P-CH 100V 17A TO-220   |
|                    | Package      | TO-220-3  |
|                    |              | For the pricing/inventory/lead time, please contact                     |
|                    |              | us<br>Website: https://www.beisener.com                                 |
| For Reference Only |              | Website: https://www.heisener.com                                       |

E-mail: salesdept@heisener.com



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### **Certified Quality**

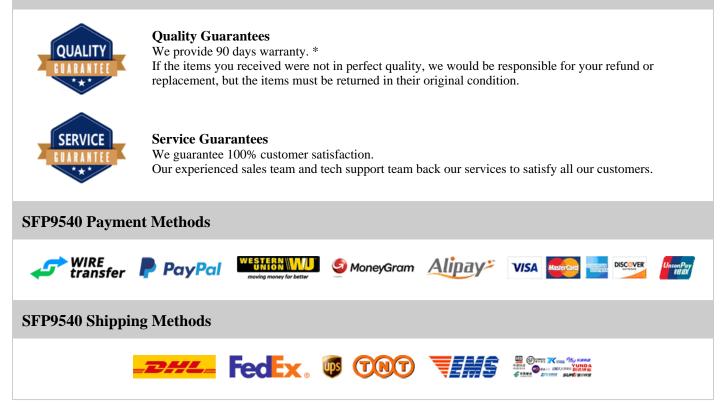
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## SFP9540 Specifications

| Manufacturer Part Number               | SFP9540                              |
|--|--------------------------------------|
| Manufacturer                           | Fairchild/ON Semiconductor           |
| Category                               | Discrete Semiconductor Products      |
|  | Transistors - FETs, MOSFETs - Single |
| Package                                | TO-220-3                             |
| Series                                 | -                                    |
| FET Type                               | P-Channel                            |
| Technology                             | MOSFET (Metal Oxide)                 |
| Drain to Source Voltage (Vdss)         | 100V                                 |
| Current - Continuous Drain (Id) @ 25°C | 17A (Tc)                             |
| Drive Voltage (Max Rds On, Min Rds On) | 10V                                  |
| Vgs(th) (Max) @ Id                     | 4V @ 250µA                           |
| Gate Charge (Qg) (Max) @ Vgs           | 54nC @ 10V                           |
| Input Capacitance (Ciss) (Max) @ Vds   | 1535pF @ 25V                         |
| Vgs (Max)                              | ±30V                                 |
| FET Feature                            | -                                    |
| Power Dissipation (Max)                | 132W (Tc)                            |
| Rds On (Max) @ Id, Vgs                 | 200 mOhm @ 8.5A, 10V                 |
| Operating Temperature                  | -55°C ~ 175°C (TJ)                   |
| Mounting Type                          | Through Hole                         |
| Supplier Device Package                | TO-220-3                             |
| Package / Case                         | TO-220-3                             |
|  | Report errors?                       |

#### SFP9540 Guarantees



If you have any question about SFP9540, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com