

# IPA60R180C7XKSA1

### IPA60R180C7XKSA1 Information



For Reference Only

Part Number IPA60R180C7XKSA1
Manufacturer Infineon Technologies

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 600V TO220-3

Package TO-220-3 Full Pack

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.









## IPA60R180C7XKSA1 Specifications

| Manufacturer Part Number               | IPA60R180C7XKSA1                     |
|--|--------------------------------------|
| Manufacturer                           | Infineon Technologies                |
| Category                               | Discrete Semiconductor Products      |
|  | Transistors - FETs, MOSFETs - Single |
| Package                                | TO-220-3 Full Pack                   |
| Series                                 | CoolMOS? C7                          |
| FET Type                               | N-Channel                            |
| Technology                             | MOSFET (Metal Oxide)                 |
| Drain to Source Voltage (Vdss)         | 600V                                 |
| Current - Continuous Drain (Id) @ 25°C | 9A (Tc)                              |
| Drive Voltage (Max Rds On, Min Rds On) | 10V                                  |
| Vgs(th) (Max) @ Id                     | 4V @ 260μA                           |
| Gate Charge (Qg) (Max) @ Vgs           | 24nC @ 10V                           |
| Input Capacitance (Ciss) (Max) @ Vds   | 1080pF @ 400V                        |
| Vgs (Max)                              | ±20V                                 |
| FET Feature                            | -                                    |
| Power Dissipation (Max)                | 29W (Tc)                             |
| Rds On (Max) @ Id, Vgs                 | 180 mOhm @ 5.3A, 10V                 |
| Operating Temperature                  | -55°C ~ 150°C (TJ)                   |
| Mounting Type                          | Through Hole                         |
| Supplier Device Package                | PG-TO220-FP                          |
| Package / Case                         | TO-220-3 Full Pack                   |
|  | Report errors?                       |

### IPA60R180C7XKSA1 Guarantees



#### **Ouality 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.

## IPA60R180C7XKSA1 Payment Methods









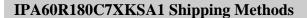
























If you have any question about IPA60R180C7XKSA1, please do not hesitate to contact us!

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