



### IPD60R520C6 Information



For Reference Only

Part Number IPD60R520C6

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 600V 8.1A TO252 **Package** TO-252-3, DPak (2 Leads + Tab), SC-63

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.









# IPD60R520C6 Specifications

| Manufacturer Part Number               | IPD60R520C6                           |
|----------------------------------------|---------------------------------------|
| Manufacturer                           | Infineon Technologies                 |
| Category                               | Discrete Semiconductor Products       |
|                                        | Transistors - FETs, MOSFETs - Single  |
| Package                                | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Series                                 | CoolMOS?                              |
| FET Type                               | N-Channel                             |
| Technology                             | MOSFET (Metal Oxide)                  |
| Drain to Source Voltage (Vdss)         | 600V                                  |
| Current - Continuous Drain (Id) @ 25°C | 8.1A (Tc)                             |
| Drive Voltage (Max Rds On, Min Rds On) | 10V                                   |
| Vgs(th) (Max) @ Id                     | 3.5V @ 230µA                          |
| Gate Charge (Qg) (Max) @ Vgs           | 23.4nC @ 10V                          |
| Input Capacitance (Ciss) (Max) @ Vds   | 512pF @ 100V                          |
| Vgs (Max)                              | ±20V                                  |
| FET Feature                            | -                                     |
| Power Dissipation (Max)                | 66W (Tc)                              |
| Rds On (Max) @ Id, Vgs                 | 520 mOhm @ 2.8A, 10V                  |
| Operating Temperature                  | -55°C ~ 150°C (TJ)                    |
| Mounting Type                          | Surface Mount                         |
| Supplier Device Package                | PG-TO252-3                            |
| Package / Case                         | TO-252-3, DPak (2 Leads + Tab), SC-63 |
|                                        | Report errors?                        |

### IPD60R520C6 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.

## IPD60R520C6 Payment Methods





















## IPD60R520C6 Shipping Methods













If you have any question about IPD60R520C6, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com