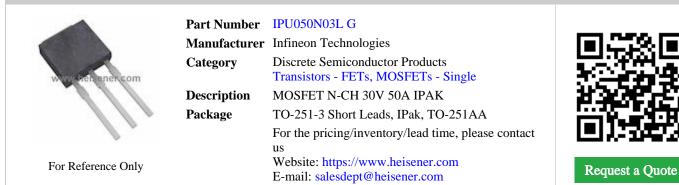


# IPU050N03L G

# **IPU050N03L G Information**



# **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.



# **IPU050N03L G Specifications**

| Manufacturer Part Number               | IPU050N03L G                         |
|--|--------------------------------------|
| Manufacturer                           | Infineon Technologies                |
| Category                               | Discrete Semiconductor Products      |
|  | Transistors - FETs, MOSFETs - Single |
| Package                                | TO-251-3 Short Leads, IPak, TO-251AA |
| Series                                 | OptiMOS?                             |
| FET Type                               | N-Channel                            |
| Technology                             | MOSFET (Metal Oxide)                 |
| Drain to Source Voltage (Vdss)         | 30V                                  |
| Current - Continuous Drain (Id) @ 25°C | 50A (Tc)                             |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V                            |
| Vgs(th) (Max) @ Id                     | 2.2V @ 250µA                         |
| Gate Charge (Qg) (Max) @ Vgs           | 31nC @ 10V                           |
| Input Capacitance (Ciss) (Max) @ Vds   | 3200pF @ 15V                         |
| Vgs (Max)                              | $\pm 20 V$                           |
| FET Feature                            | -                                    |
| Power Dissipation (Max)                | 68W (Tc)                             |
| Rds On (Max) @ Id, Vgs                 | 5 mOhm @ 30A, 10V                    |
| Operating Temperature                  | -55°C ~ 175°C (TJ)                   |
| Mounting Type                          | Through Hole                         |
| Supplier Device Package                | PG-TO251-3                           |
| Package / Case                         | TO-251-3 Short Leads, IPak, TO-251AA |
|  | Report errors                        |

#### **IPU050N03L G 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

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### **IPU050N03L G Payment Methods**



### IPU050N03L G Shipping Methods



If you have any question about IPU050N03L G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com