

RSD050N10TL Information


For Reference Only

Part Number [RSD050N10TL](#)
Manufacturer Rohm Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 5A CPT3
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.


RSD050N10TL Specifications

| | |
|--|---|
| Manufacturer Part Number | RSD050N10TL |
| Manufacturer | Rohm Semiconductor |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Series | - |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 100V |
| Current - Continuous Drain (Id) @ 25°C | 5A (Ta) |
| Drive Voltage (Max Rds On, Min Rds On) | 4V, 10V |
| Vgs(th) (Max) @ Id | 2.5V @ 1mA |
| Gate Charge (Qg) (Max) @ Vgs | 14nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 530pF @ 25V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 15W (Tc) |
| Rds On (Max) @ Id, Vgs | 190 mOhm @ 5A, 10V |
| Operating Temperature | 150°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | CPT3 |
| Package / Case | TO-252-3, DPak (2 Leads + Tab), SC-63 |

[Report errors?](#)

RSD050N10TL 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.

RSD050N10TL Payment Methods



RSD050N10TL Shipping Methods



If you have any question about RSD050N10TL, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com