

APT8018JN Information


For Reference Only

Part Number [APT8018JN](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 800V 40A ISOTOP
Package SOT-227-4, miniBLOC
 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.


APT8018JN Specifications

| | |
|--|---|
| Manufacturer Part Number | APT8018JN |
| Manufacturer | Microsemi Corporation |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | SOT-227-4, miniBLOC |
| Series | POWER MOS IV? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 800V |
| Current - Continuous Drain (Id) @ 25°C | 40A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4V @ 5mA |
| Gate Charge (Qg) (Max) @ Vgs | 700nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 14000pF @ 25V |
| Vgs (Max) | ±30V |
| FET Feature | - |
| Power Dissipation (Max) | 690W (Tc) |
| Rds On (Max) @ Id, Vgs | 180 mOhm @ 20A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Chassis Mount |
| Supplier Device Package | ISOTOP? |
| Package / Case | SOT-227-4, miniBLOC |

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APT8018JN 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.

APT8018JN Payment Methods



APT8018JN Shipping Methods



If you have any question about APT8018JN, please do not hesitate to contact us!

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