

BUK9M23-80EX Information


For Reference Only

Part Number [BUK9M23-80EX](#)
Manufacturer Nexperia USA Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 80V 37A LPAK
Package SOT-1210, 8-LPAK33 (5-Lead)
 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.


BUK9M23-80EX Specifications

| | |
|--|---|
| Manufacturer Part Number | BUK9M23-80EX |
| Manufacturer | Nexperia USA Inc. |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | SOT-1210, 8-LPAK33 (5-Lead) |
| Series | Automotive, AEC-Q101, TrenchMOS? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (V _{ds}) | 80V |
| Current - Continuous Drain (I _d) @ 25°C | 37A (T _c) |
| Drive Voltage (Max R _{ds} On, Min R _{ds} On) | 5V |
| V _{gs} (th) (Max) @ I _d | 2.1V @ 1mA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 20nC @ 5V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 2808pF @ 25V |
| V _{gs} (Max) | ±10V |
| FET Feature | - |
| Power Dissipation (Max) | 79W (T _c) |
| R _{ds} On (Max) @ I _d , V _{gs} | 20 mOhm @ 10A, 10V |
| Operating Temperature | -55°C ~ 175°C (T _J) |
| Mounting Type | Surface Mount |
| Supplier Device Package | LPAK33 |
| Package / Case | SOT-1210, 8-LPAK33 (5-Lead) |

[Report errors?](#)

BUK9M23-80EX 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.

BUK9M23-80EX Payment Methods



BUK9M23-80EX Shipping Methods



If you have any question about BUK9M23-80EX, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com