

**BUK9K8R7-40EX Information**


For Reference Only

**Part Number** [BUK9K8R7-40EX](#)  
**Manufacturer** Nexperia USA Inc.  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 2N-CH 40V 30A 56LFFPAK  
**Package** SOT-1205, 8-LFFPAK56  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**BUK9K8R7-40EX Specifications**

|  |   |
|--|---|
| Manufacturer Part Number               | <a href="#">BUK9K8R7-40EX</a>   |
| Manufacturer                           | Nexperia USA Inc.   |
| Category                               | Discrete Semiconductor Products<br><a href="#">Transistors - FETs, MOSFETs - Arrays</a> |
| Package                                | SOT-1205, 8-LFFPAK56  |
| Series                                 | TrenchMOS?  |
| FET Type                               | 2 N-Channel (Dual)  |
| FET Feature                            | Logic Level Gate  |
| Drain to Source Voltage (Vdss)         | 40V   |
| Current - Continuous Drain (Id) @ 25°C | 30A   |
| Rds On (Max) @ Id, Vgs                 | 8 mOhm @ 10A, 10V   |
| Vgs(th) (Max) @ Id                     | 2.1V @ 1mA  |
| Gate Charge (Qg) (Max) @ Vgs           | 15.7nC @ 5V   |
| Input Capacitance (Ciss) (Max) @ Vds   | 2110pF @ 25V  |
| Power - Max                            | 53W   |
| Operating Temperature                  | -55°C ~ 175°C (TJ)  |
| Mounting Type                          | Surface Mount   |
| Package / Case                         | SOT-1205, 8-LFFPAK56  |
| Supplier Device Package                | LFFPAK56D   |

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## BUK9K8R7-40EX 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.

## BUK9K8R7-40EX Payment Methods



## BUK9K8R7-40EX Shipping Methods



If you have any question about BUK9K8R7-40EX, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)