

OptiMOS™ 5 power MOSFET with enhanced temperature rating for improved robustness

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	
Product Type	Other Components
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BSC028N06NSTATMA1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

OptiMOS™ 5 power MOSFET in SuperSO8 package offers the latest technology together with temperature improvements in the package. This new combination enables higher power density as well as improved robustness.

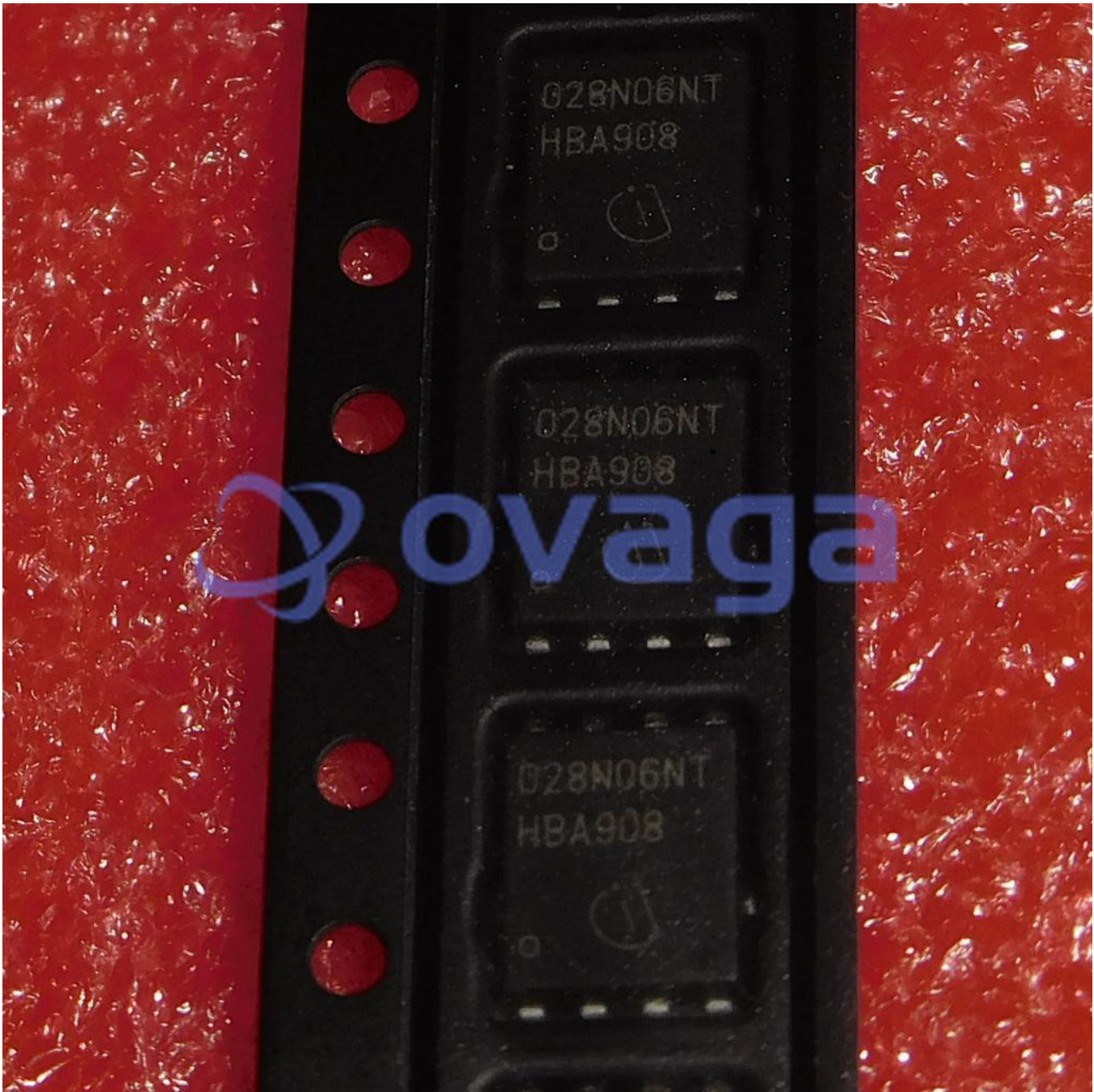
Compared to lower rated devices, the 175°C  $T_{J\_MAX}$  feature offers either more power at a higher operating junction temperature or longer lifetime at the same operating junction temperature. Furthermore, 20% improvement in the safe operating area (SOA) is achieved. This new package feature is the perfect fit for applications such as telecom, motor drives and server.

## Features

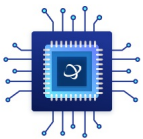
- Low RDS(on)
- Optimized for synchronous rectification
- Enhanced 175°C capability in SuperSO8
- Longer life time
- Highest efficiency and power density
- Highest system reliability
- Thermal robustness

## Application

- Motor drives
- Server
- Telecom

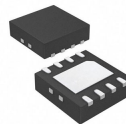


### Related Products



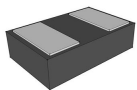
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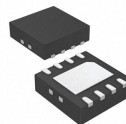
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TDSON-8



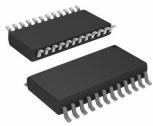
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WDSO-2



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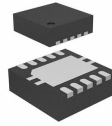
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