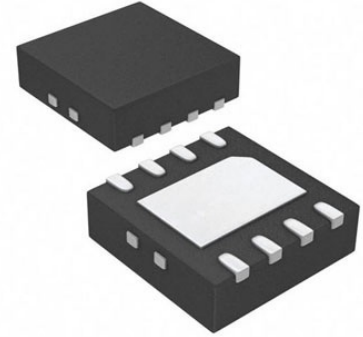


OptiMOS™ 5 power MOSFETs logic level provide low RDS(on) in a small package

Manufacturers	Infineon Technologies Corporation
Package/Case	PG-TSDSON-8
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BSZ146N10LS5ATMA1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Infineon's OptiMOS™ 5 power MOSFETs logic level are highly suitable for wireless charging, adapter and telecom applications. The devices' low gate charge (Q_g) reduces switching losses without compromising conduction losses. The improved figures of merit allow operations at high switching frequencies. Furthermore, the logic level drive provides a low gate threshold voltage (V_{GS(th)}) allowing the MOSFETs to be driven at 5V and directly from microcontrollers.

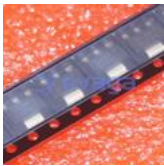
Features

- Low R_{DS(on)} in small package
- Low gate charge
- Lower output charge
- Logic level compatibility
- Higher power density designs
- Higher switching frequency
- Reduced parts count wherever 5V supplies are available
- Driven directly from microcontrollers (slow switching)
- System cost reduction

Application

Wireless charging

Related Products



[BSP613P](#)

Infineon Technologies Corporation
SOT-223



[BSB013NE2LXI](#)

Infineon Technologies Corporation
WDSO-2



[BSC030N08NS5ATMA1](#)

Infineon Technologies Corporation
TDSO-8



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