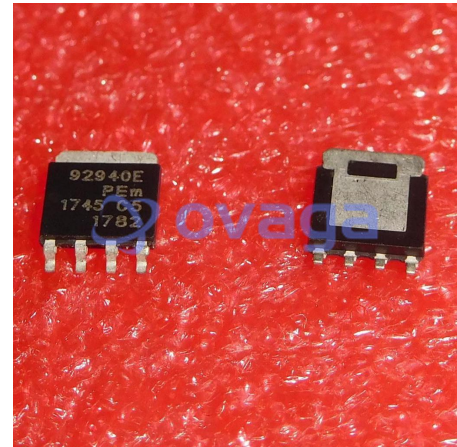


N-channel 40 V, 29 mΩ logic level MOSFET in LFPAK56

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	LFPAK56Power-SO8
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BUK9Y29-40E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

BUK9Y29-40E is a specific part number for a N-channel MOSFET transistor manufactured by Nexperia. This MOSFET has a V<sub>ds</sub> (drain-source voltage) of 40V, a continuous drain current (I<sub>d</sub>) of 24A, and a low on-resistance of 9.5 mΩ.

### Features

- Low on-resistance (9.5 mΩ) for low power dissipation and high efficiency
- High continuous drain current (24A) for power handling capability
- High-speed switching for efficient power management
- Avalanche energy rated for improved reliability in rugged environments
- Low gate charge for easy drive of the MOSFET

### Application

- Power management and conversion in server and telecom systems
- Power supplies in consumer electronics and lighting
- Motor control in industrial automation and robotics
- Automotive applications like electric power steering, transmission control, and engine management
- LED lighting drivers





## Related Products



### [BUK9Y21-40E](#)

NXP Semiconductor  
LFP56Power-SO8



### [BUK9K18-40E](#)

NXP Semiconductor  
SOP-8



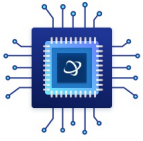
### [BUK9212-55B](#)

NXP Semiconductor  
TO-428



### [BUK98150-55A](#)

NXP Semiconductor  
SOT223



[BUK7K25-40E](#)

NXP Semiconductor

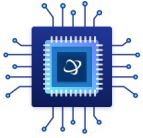
Dual



[BUK9Y22-100E](#)

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[BUK9K6R2-40E](#)

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LFPAK56D



[BUK9Y12-40E](#)

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