

MOSFET, N CHANNEL, 60V, 0.31A, Transistor Polarity:N Channel, Continuous Drain Current Id:310mA, Drain Source Voltage Vds:60V, On Resistance Rds(on):1ohm, Rds(on) Test Voltage Vgs:10V, Threshold Voltage Vgs:1.6V

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	SOT-323
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 2N7002BKW or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

2N7002BKW is a small signal MOSFET transistor that is widely used in electronic circuits due to its low cost and high performance. Here are some of its features:

### Features

Drain-source voltage (VDS): 60V

Continuous drain current (ID): 310mA

Low threshold voltage (VGS(th)): 1V to 2.5V

Low on-resistance (RDS(on)): 7.5ohm to 11ohm

### Application

Switching circuits

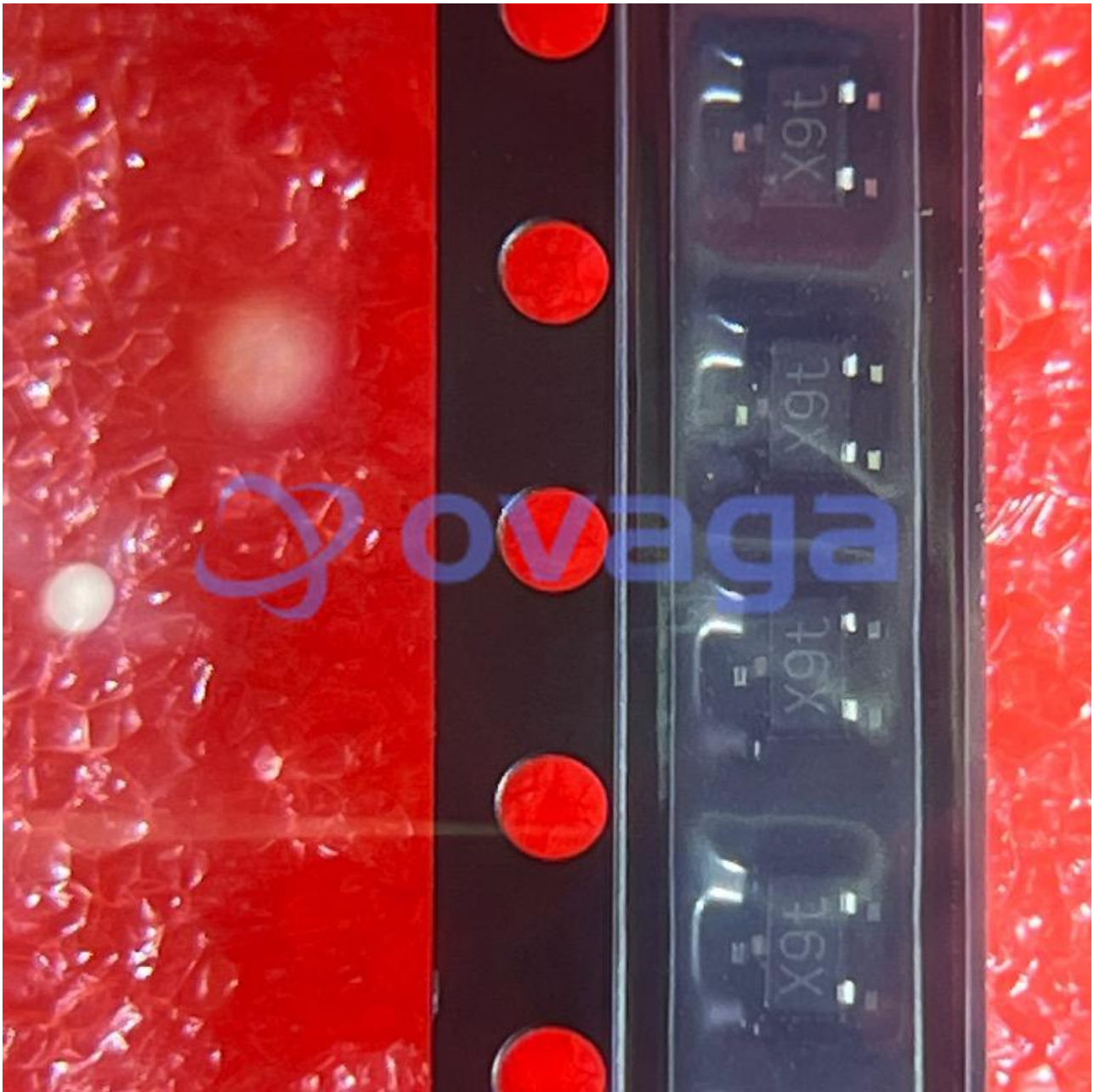
DC-DC converters

Battery charging circuits

Motor control circuits

LED lighting circuits

Audio amplifier circuits



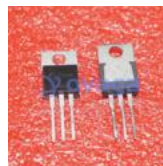


## Related Products



[2N7002PS](#)

NXP Semiconductor  
SOT-363



[FQP12N60C](#)

NXP Semiconductor  
TO-220



[SSH22N50A](#)

NXP Semiconductor  
TO-3P



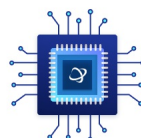
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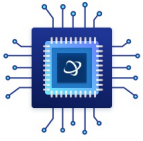
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SOIC-8