

MOSFET N-CH 30V 90A TO252-3

Manufacturers [Infineon Technologies Corporation](#)

Package/Case TO-252-2

Product Type Transistors

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for IPD031N03LG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

IPD031N03LG is a power MOSFET (Metal-Oxide-Semiconductor Field-Effect Transistor) manufactured by Infineon Technologies AG. It is a member of the OptiMOS family of MOSFETs and is designed to handle high current and high voltage applications.

## Features

Drain-Source Voltage ( $V_{ds}$ ): 30V

Continuous Drain Current ( $I_d$ ): 80A

Power Dissipation ( $P_d$ ): 110W

Low On-Resistance ( $R_{ds(on)}$ ): 3.1mOhm

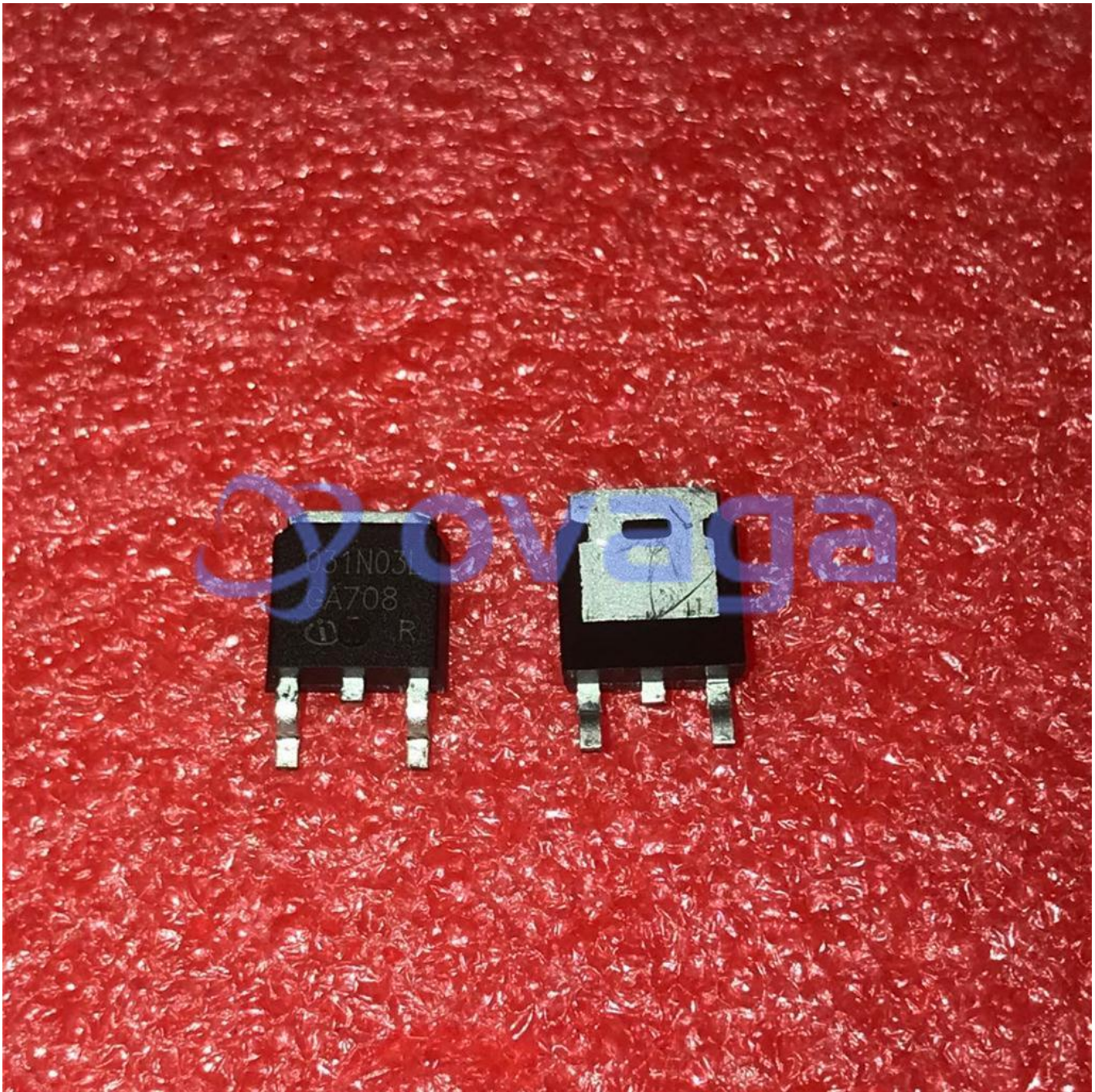
## Application

DC-DC Converters

Motor Control

Class D Audio Amplifiers

Battery Protection Circuits



## Related Products



### [IPP60R070CFD7](#)

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TO-220-3



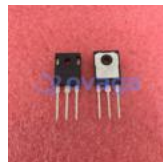
### [IPB180N06S4-H1](#)

Infineon Technologies Corporation  
PG-TO263-7-3



### [IPG20N04S4-12](#)

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TDSON-8



### [IPW65R080CFD](#)

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TO-247



[IPD25N06S4L-30](#)

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[IPD180N10N3G](#)

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[IPP60R074C6](#)

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[IPD70R1K4P7S](#)

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