

Trans MOSFET N-CH Si 100V 63A 3-Pin(3+Tab) IPAK Tube



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[Inquiry](#)

Manufacturer: [Infineon Technologies Corporation](#)

Package/Case: TO-251

Product Type: Thyristors

Lifecycle: NRND

General Description

The IRLU3110ZPbF is a power MOSFET designed for high-speed switching applications. MOSFETs (Metal-Oxide-Semiconductor Field-Effect Transistors) are popular semiconductor devices used for power switching and amplification.

Key Features

Power MOSFET: The IRLU3110ZPbF is a N-channel enhancement-mode MOSFET, allowing for high-performance power switching.

Low On-Resistance: It has a low on-resistance (RDS(on)) of typically 0.04 ohms, which helps to minimize power losses and improve overall efficiency.

High Current Capability: The MOSFET is capable of handling a continuous drain current (ID) of up to 46A, making it suitable for high-power applications.

Avalanche Rated: It is avalanche-rated, which means it can withstand high-energy transient events without being damaged.

Logic-Level Gate Drive: The IRLU3110ZPbF has a low gate threshold voltage, enabling it to be easily controlled by logic-level signals.

TO-251 (DPak) Package: It is available in a TO-251 (also known as DPak) surface-mount package, which offers good thermal dissipation and ease of mounting.

Application

Power Conversion

Switching Circuits

Automotive Electronics

Power Distribution Systems

Recommended For You

IRFZ46NPBF

Infineon Technologies Corporation

TO-220

IRLML6244TRPbF

Infineon Technologies Corporation

SOT-23

IRF9540NPbF

Infineon Technologies Corporation

TO-220

IRFP2907PBF

Infineon Technologies Corporation

TO-247

IRFZ44NPBF

Infineon Technologies Corporation

TO-220

AUIRG4PH50S

Infineon Technologies Corporation

TO-247

IRGP35B60PDPBF

Infineon Technologies Corporation

TO-247

IRGP50B60PD1PBF

Infineon Technologies Corporation

TO-247

IRGP4086PBF

Infineon Technologies Corporation

TO-247AC

IRGP4062DPBF

Infineon Technologies Corporation

TO-247

IRGB30B60KPBF

Infineon Technologies Corporation

TO-220

IRGP4068D

Infineon Technologies Corporation

TO-247

IRGBC40S

Infineon Technologies Corporation

TO-220

IRGBC20U

Infineon Technologies Corporation

TO-220

IRFI4321PBF

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TO-220F