
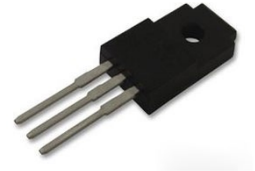


Trans IGBT Chip N-CH 600V 19A 52mW 3-Pin(3+Tab) TO-220 Full-Pack Tube

Manufacturer:	Infineon Technologies Corporation
Package/Case:	TO-220F
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete



Images are for reference only

[Inquiry](#)

General Description

The 5th generation of ultrafast 600 V, 15 A IGBT in a TO-220 Full-Pak package co-packed with a low VF diode has been optimized for lower conduction losses. Reduced power losses together with soft switching behavior allows better thermal performance and EMI behavior resulting in lower system costs. Excellent performance can be achieved at lower costs.

Key Features

- Low VCEon non punch through IGBT technology
- Low Diode VF
- 10 μs short circuit capability
- Square RBSOA
- Ultrasoft diode reverse recovery characteristics
- Positive VCEon temperature coefficient
- Benchmark efficiency for motor control
- Rugged transient performance
- Low EMI
- Excellent current sharing in parallel operation

Application

Potential Applications

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