

Trans IGBT Chip N-CH 600V 140A 454mW 3-Pin(3+Tab) TO-247AC Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [Infineon Technologies Corporation](#)

Package/Case: TO-247

Product Type: Thyristors

RoHS: RoHS Compliant/Lead free 

Lifecycle: Obsolete

General Description

600 V, 75 A IGBT with anti-parallel diode in a TO-247 package.

Key Features

Low VCE(ON) Trench IGBT technology

Low switching losses

Maximum junction temperature 175 °C

5 μS short circuit SOA

Square RBSOA

100% of the parts tested for ILM

Positive VCE(ON) temperature coefficient

Tight parameter distribution

Lead free package

High efficiency in a wide range of applications

Suitable for a wide range of switching frequencies due to Low VCE(ON) and low switching losses

Rugged transient performance for increased reliability

Excellent current sharing in parallel operation

Application

Solutions for solar energy systems

Uninterruptible power supply (UPS)

Industrial heating and welding

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
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IRGP4068D

Infineon Technologies Corporation
TO-247

IRGBC40S

Infineon Technologies Corporation
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IRGBC20U

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IRFI4321PBF

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