

## Trans IGBT Chip N-CH 600V 48A 250mW 3-Pin(3+Tab) TO-247AC Tube

**Manufacturer:** [Infineon Technologies Corporation](#)

**Package/Case:** TO-247

**Product Type:** Thyristors

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Obsolete



Images are for reference only

[Inquiry](#)

### General Description

600 V, 24 A IGBT with anti-parallel diode in a TO-247AC 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 co-efficient

Ultra fast soft Recovery Co-Pak Diode

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

Low EMI

### Application

Motor control and drives

Uninterruptible power supply (UPS)

Industrial heating and welding



## Recommended For You

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### **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**

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### **IRGP35B60PDPBF**

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### **IRGP50B60PD1PBF**

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### **IRGP4086PBF**

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TO-247AC

### **IRGB30B60KPBF**

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### **IRGP4068D**

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### **IRGBC40S**

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### **IRGBC20U**

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### **IRFI4321PBF**

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### **IRG4BAC50W-S**

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