

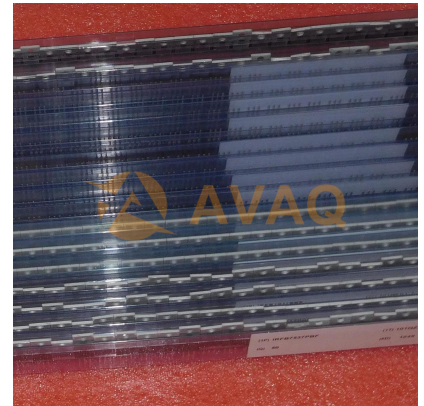
## Trans MOSFET N-CH 60V 173A 3-Pin(3+Tab) TO-220AB Tube

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

**Package/Case:** TO-220

**Product Type:** Thyristors

**Lifecycle:** Active



Images are for reference only

[Inquiry](#)

### General Description

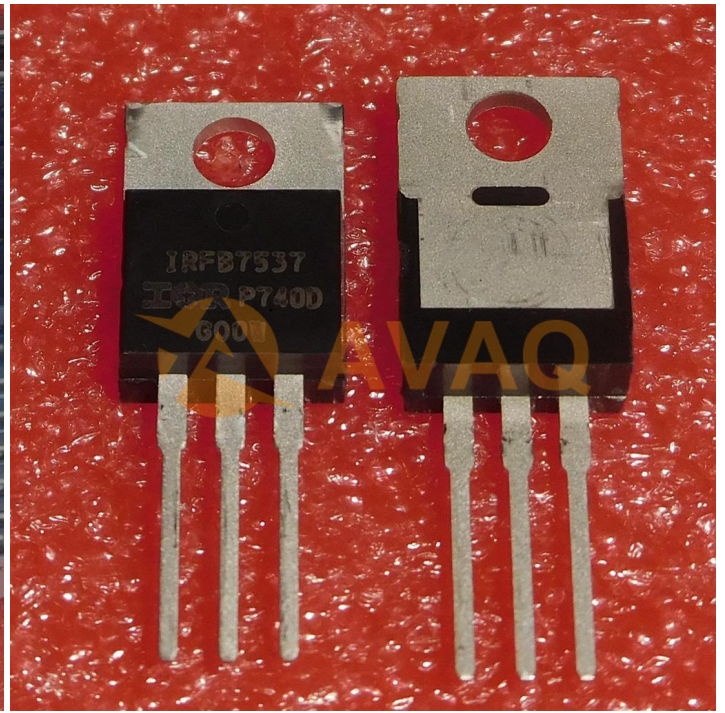
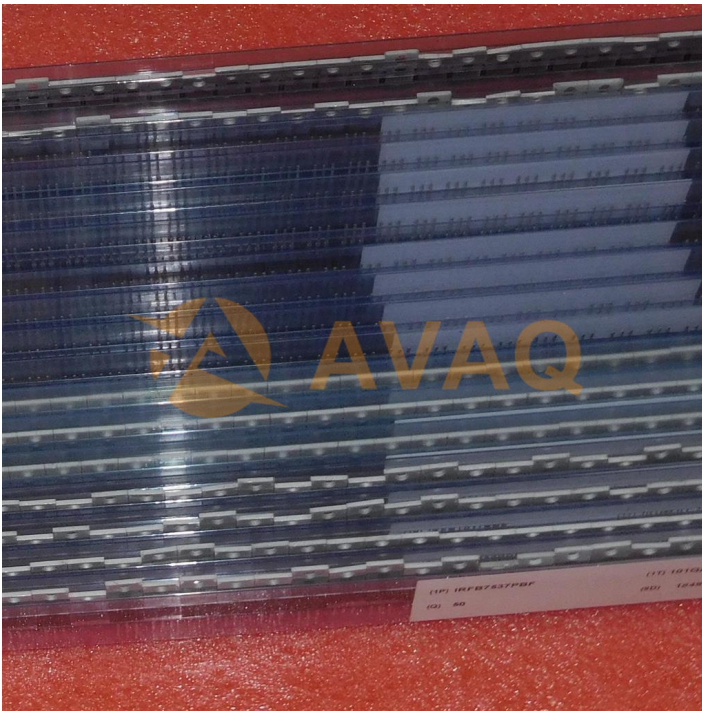
The StrongIRFET power MOSFET family is optimized for low RDS(on) and high current capability. The devices are ideal for low frequency applications requiring performance and ruggedness. The comprehensive portfolio addresses a broad range of applications including DC motors, battery management systems, inverters, and DC-DC converters.

### Key Features

- Industry standard through-hole power package
- High-current rating
- Product qualification according to JEDEC standard
- Silicon optimized for applications switching below <100 kHz
- Softer body-diode compared to previous silicon generation
- Wide portfolio available
- Standard pinout allows for drop in replacement
- High-current carrying capability package
- Industry standard qualification level
- High performance in low frequency applications
- Increased power density
- Provides designers flexibility in selecting the most optimal device for their application

### Application

- Battery powered applications
- Power tools
- DC motor drives
- Light Electric Vehicles (LEV)
- SMPS



## Recommended For You

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### **IRFZ46NPBF**

Infiniteon Technologies Corporation

TO-220

### **IRLML6244TRPbF**

Infiniteon Technologies Corporation

SOT-23

### **IRF9540NPbF**

Infiniteon Technologies Corporation

TO-220

### **IRFP2907PBF**

Infiniteon Technologies Corporation

TO-247

### **IRFZ44NPBF**

Infiniteon Technologies Corporation

TO-220

### **AURG4PH50S**

Infiniteon Technologies Corporation

TO-247

### **IRGP35B60PDPBF**

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TO-247

### **IRGP50B60PD1PBF**

Infiniteon Technologies Corporation

TO-247

### **IRGP4086PBF**

Infiniteon Technologies Corporation

TO-247AC

### **IRGP4062DPBF**

Infiniteon Technologies Corporation

TO-247

### **IRGB30B60KPBF**

Infiniteon Technologies Corporation

TO-220

### **IRGP4068D**

Infiniteon Technologies Corporation

TO-247

### **IRGBC40S**

Infiniteon Technologies Corporation

TO-220

### **IRGBC20U**

Infiniteon Technologies Corporation

TO-220

### **IRFI4321PBF**

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TO-220F