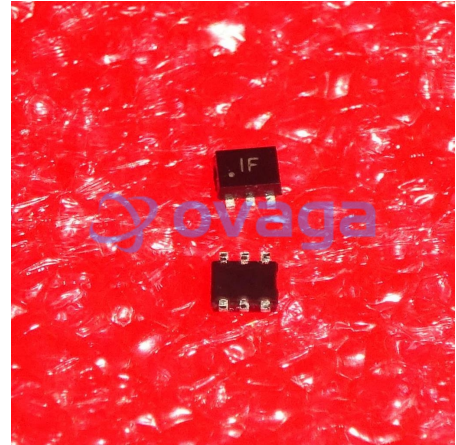


## Plastic-Encapsulate Transistors

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	SOT-666
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BC847BV or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

BC847BV is a small signal NPN bipolar junction transistor (BJT) that is commonly used in electronic circuits for amplification and switching purposes. Here are some of its features:

### Features

Collector-Emitter Voltage (VCEO): 45V

Collector-Base Voltage (VCBO): 50V

Emitter-Base Voltage (VEBO): 6V

Continuous Collector Current (IC): 100mA

Power Dissipation (Pd): 250mW

Low noise figure and high current gain

SMD package: SOT-23

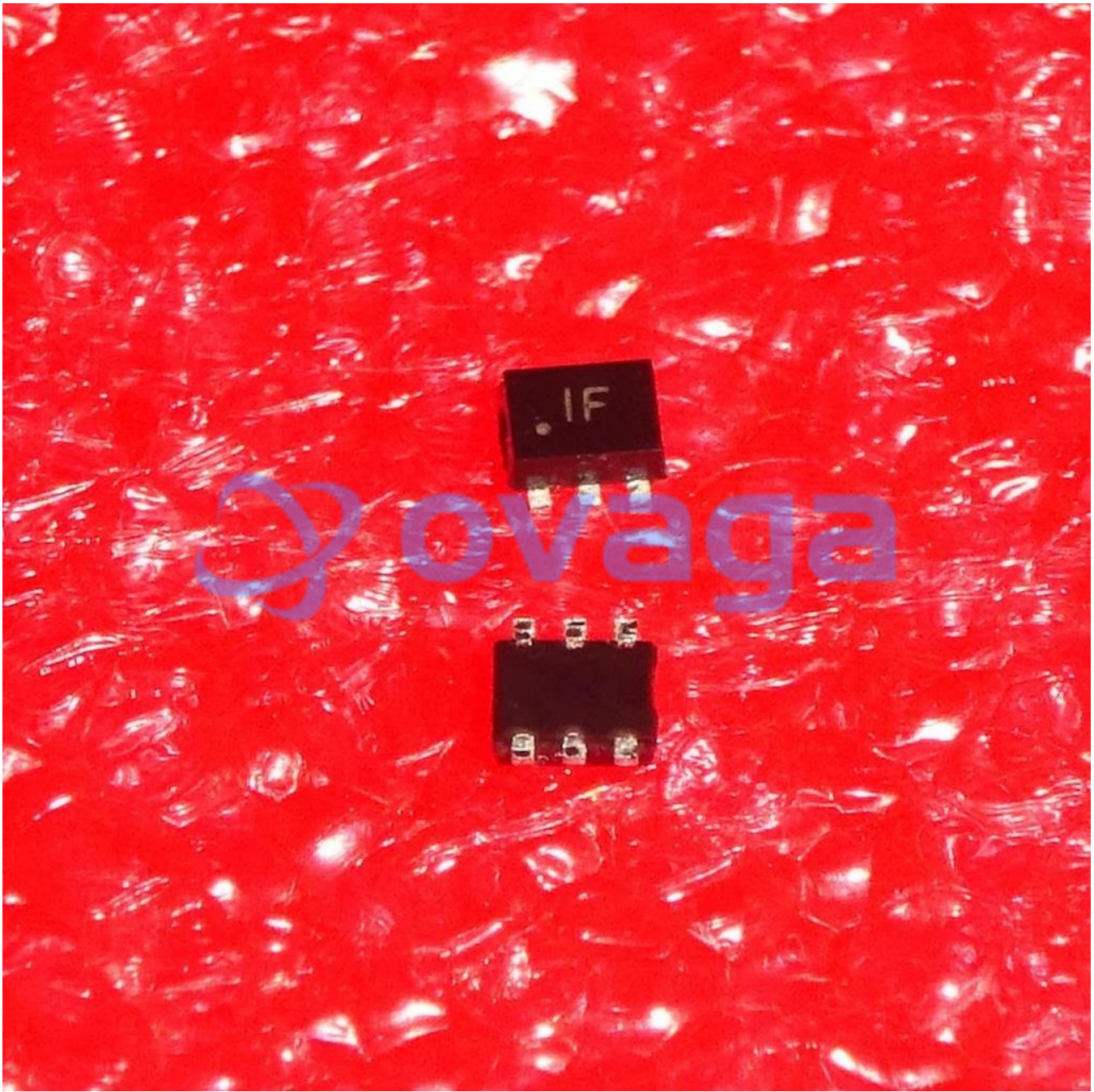
### Application

Amplification of small signals in audio and radio frequency (RF) circuits

Switching applications in digital circuits

Design of oscillators and filters in communication systems

General purpose switching and amplification



## Related Products



### [BC846](#)

NXP Semiconductor  
SOT-23



### [BC807](#)

NXP Semiconductor  
SOT-23



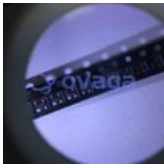
### [BC213L](#)

NXP Semiconductor  
SOT-23



### [BC52-16](#)

NXP Semiconductor  
TO-92



[BCV62C](#)

NXP Semiconductor  
SOT-143



[BC869](#)

NXP Semiconductor  
SOT-89



[BC817](#)

NXP Semiconductor  
SOT-23



[BC807-25](#)

NXP Semiconductor  
SOT-23