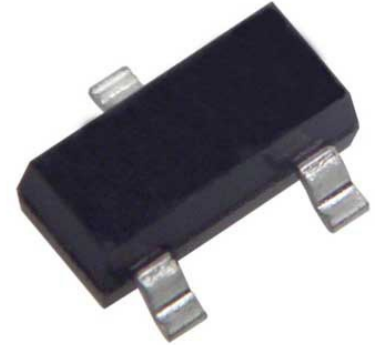


100 mA < I_c = 500 mA; Package: PG-SOT23-3; Polarity: NPN; VCEO (max): 45.0 V; Ptot (max): 500.0 W; hFE (min): 160.0 - 400.0; IC: 100.0 mA;

Manufacturers	Infineon Technologies Corporation
Package/Case	SOT-23
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BC817K-25 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

BC817K-25 is a bipolar junction transistor (BJT) that belongs to the NPN family. It is a low-power general-purpose transistor that is commonly used in switching and amplification applications. The "25" in the part number indicates that the maximum voltage rating for this transistor is 25 volts.

Features

- Collector current (I_c) rating: 500 mA
- Collector-emitter voltage (V_{ce}) rating: 25 V
- DC current gain (h_{fe}) rating: 100 - 630
- Low saturation voltage
- Fast switching speed
- RoHS compliant

Application

- Switching circuits in low-power applications
- Amplification of audio and other signals
- Interface between digital circuits and analog sensors
- Voltage regulation circuits
- LED drivers

Related Products



[BCX42](#)

Infineon Technologies Corporation
SOT-23



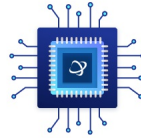
[BCR112](#)

Infineon Technologies Corporation
SOT23



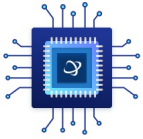
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Infineon Technologies Corporation
SOT363



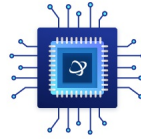
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Infineon Technologies Corporation
DC04



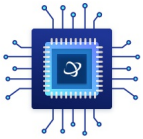
[BCX53-16H6327](#)

Infineon Technologies Corporation



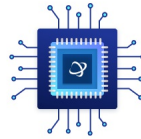
[BCR116WH6327](#)

Infineon Technologies Corporation



[BC817K-40WH6327](#)

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[BCR35PNH6327](#)

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