

BC807-40,215 Datasheet



https://www.DiGi-Electronics.com

DiGi Electronics Part Number BC807-40,215-DG

Manufacturer Nexperia USA Inc.

Manufacturer Product Number BC807-40,215

Description TRANS PNP 45V 0.5A TO236AB

Detailed Description Bipolar (BJT) Transistor PNP 45 V 500 mA 80MHz 25

0 mW Surface Mount TO-236AB



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.



Purchase and inquiry

| Manufacturer Product Number: | Manufacturer: |
|--|--|
| BC807-40,215 | Nexperia USA Inc. |
| Series: | Product Status: |
| | Active |
| Transistor Type: | Current - Collector (Ic) (Max): |
| PNP | 500 mA |
| Voltage - Collector Emitter Breakdown (Max): | Vce Saturation (Max) @ lb, lc: |
| 45 V | 700mV @ 50mA, 500mA |
| Current - Collector Cutoff (Max): | DC Current Gain (hFE) (Min) @ Ic, Vce: |
| 100nA (ICBO) | 250 @ 100mA, 1V |
| Power - Max: | Frequency - Transition: |
| 250 mW | 80MHz |
| Operating Temperature: | Grade: |
| 150°C (TJ) | Automotive |
| Qualification: | Mounting Type: |
| AEC-Q101 | Surface Mount |
| Package / Case: | Supplier Device Package: |
| TO-236-3, SC-59, SOT-23-3 | TO-236AB |
| Base Product Number: | |
| BC807 | |

Environmental & Export classification

8541.21.0095

| RoHS Status: | Moisture Sensitivity Level (MSL): |
|------------------|-----------------------------------|
| ROHS3 Compliant | 1 (Unlimited) |
| REACH Status: | ECCN: |
| REACH Unaffected | EAR99 |
| HTSUS: | |



BC807 series

45 V, 500 mA PNP general-purpose transistors

Rev. 8 — 1 July 2022

Product data sheet

1. General description

PNP general-purpose transistor in a small SOT23 (TO-236AB) Surface-Mounted Device (SMD) plastic package.

Table 1. Product overview

| Type number | Package | NPN complement | | |
|-------------|----------|----------------|-------|----------|
| | Nexperia | JEDEC | JEITA | |
| BC807 | SOT23 | TO-236AB | - | BC817 |
| BC807-16 | | | | BC817-16 |
| BC807-25 | | | | BC817-25 |
| BC807-40 | | | | BC817-40 |

2. Features and benefits

- · High current
- · Three current gain selections

3. Applications

· General-purpose switching and amplification

4. Quick reference data

Table 2. Quick reference data

| Symbol | Parameter | Conditions | | Min | Тур | Max | Unit |
|------------------|---------------------------|--|-----|-----|-----|------|------|
| V _{CEO} | collector-emitter voltage | open base; T _{amb} = 25 °C | | - | - | -45 | V |
| I _C | collector current | T _{amb} = 25 °C | | - | - | -500 | mA |
| I _{CM} | peak collector current | single pulse; $t_p \le 1$ ms; $T_{amb} = 25$ °C | | - | - | -1 | Α |
| h _{FE} | DC current gain | | | | | | |
| | BC807 | V_{CE} = -1 V; I_{C} = -100 mA T_{amb} = 25 °C | [1] | 100 | - | 600 | |
| | BC807-16 | | [1] | 100 | - | 250 | |
| | BC807-25 | | [1] | 160 | - | 400 | |
| | BC807-40 | | [1] | 250 | - | 600 | |

[1] pulsed; $t_p \le 300 \ \mu s; \ \delta \le 0.02$



45 V, 500 mA PNP general-purpose transistors

5. Pinning information

Table 3. Pinning

| Pin | Symbol | Description | Simplified outline | Graphic symbol |
|-----|--------|-------------|--------------------|----------------|
| 1 | В | base |]3 | C |
| 2 | E | emitter | | B— |
| 3 | С | collector | | J 1 |
| | | | | E sym132 |
| | | | 1 | 5,62 |

6. Ordering information

Table 4. Ordering information

| Type number | Package | ackage | | | | |
|-------------|----------|--|---------|--|--|--|
| | Name | Description | Version | | | |
| BC807 | TO-236AB | Plastic surface-mounted package; 3 leads | SOT23 | | | |
| BC807-16 | | | | | | |
| BC807-25 | | | | | | |
| BC807-40 | | | | | | |

7. Marking

Table 5. Marking

| Type number | Marking code[1] |
|-------------|-----------------|
| BC807 | 5D% |
| BC807-16 | 5A% |
| BC807-25 | 5B% |
| BC807-40 | 5C% |

[1] % = placeholder for manufacturing site code

45 V, 500 mA PNP general-purpose transistors

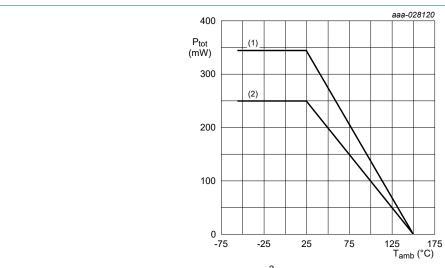
8. Limiting values

Table 6. Limiting values

In accordance with the Absolute Maximum Rating System (IEC 60134).

| Symbol | Parameter | Conditions | | Min | Max | Unit |
|------------------|---------------------------|---|--|-----|------|------|
| V_{CBO} | collector-base voltage | open emitter; T _{amb} = 25 °C | open emitter; T _{amb} = 25 °C | | -50 | V |
| V_{CEO} | collector-emitter voltage | open base; T _{amb} = 25 °C | | - | -45 | V |
| V _{EBO} | emitter-base voltage | open collector; T _{amb} = 25 °C | | - | -5 | V |
| I _C | collector current | T _{amb} = 25 °C | | - | -500 | mA |
| I _{CM} | peak collector current | single pulse; t _p ≤ 1 ms; T _{amb} = 25 °C | | - | -1 | Α |
| I _{BM} | peak base current | single pulse; t _p ≤ 1 ms; T _{amb} = 25 °C | | - | -200 | mA |
| P _{tot} | total power dissipation | T _{amb} ≤ 25 °C | [1] [2] | - | 250 | mW |
| | | [3] | | - | 345 | mW |
| T _j | junction temperature | | | - | 150 | °C |
| T _{amb} | ambient temperature | | | -65 | 150 | °C |
| T _{stg} | storage temperature | | | -65 | 150 | °C |

- [1] Device mounted on an FR4 PCB, single-sided copper, tin-plated and standard footprint.
- [2] Valid for all available selection groups.
- [3] Device mounted on an FR4 PCB, single-sided copper, tin-plated; mounting pad for collector 1 cm².



- (1) FFR4 PCB, single-sided copper; 1 cm²
- (2) FR4 PCB, single-sided copper; standard footprint

Fig. 1. Power derating curves for SOT23

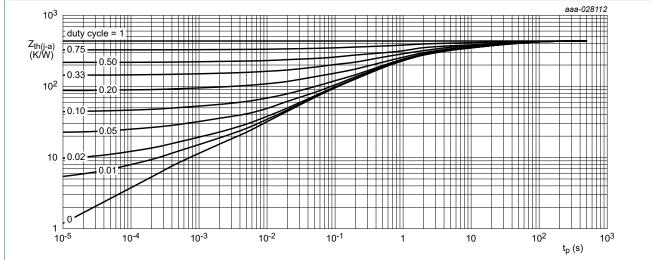
45 V, 500 mA PNP general-purpose transistors

9. Thermal characteristics

Table 7. Thermal characteristics

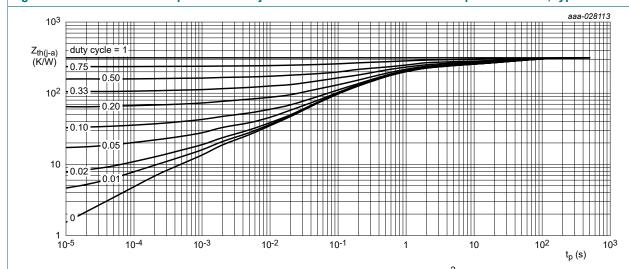
| Symbol | Parameter | Conditions | | Min | Тур | Max | Unit |
|----------------------|---|-------------|------------|-----|-----|-----|------|
| R _{th(j-a)} | thermal resistance from junction to ambient | in free air | [1] [2] | - | - | 500 | K/W |
| | | | [3] [2] | - | - | 362 | K/W |

- [1] Device mounted on an FR4 Printed-Circuit-Board (PCB); single-sided copper; tin-plated and standard footprint.
- [2] Valid for all available selection groups.
- [3] Device mounted on an FR4 PCB, single-sided copper, tin-plated; monting pad for collector 1 cm².



FR4 PCB, single-sided, tin-plated and standard footprint

Fig. 2. Transient thermal impedance from junction to ambient as a function of pulse duration; typical values



FR4 PCB, single-sided copper, tin-plated; mounting pad for collector 1 cm².

Fig. 3. Transient thermal impedance from junction to ambient as a function of pulse duration; typical values

45 V, 500 mA PNP general-purpose transistors

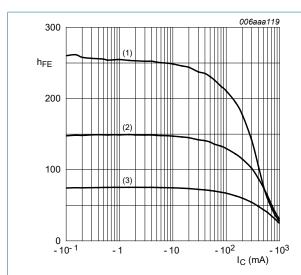
10. Characteristics

Table 8. Characteristics

| | | | | Тур | Max | Unit |
|--|---|-------------------------------------|-------------------------------------|--|--|--|
| collector-base breakdown voltage | $I_C = -100 \ \mu\text{A}; \ I_E = 0 \ \text{A}; \ T_{amb} = 25 \ ^{\circ}\text{C}$ | | -50 | - | - | V |
| collector-emitter breakdown voltage | I _C = -10 mA; I _E = 0 A; T _{amb} = 25 °C | | -45 | - | - | V |
| emitter-base breakdown voltage | $I_E = -100 \ \mu A; \ I_C = 0 \ A; \ T_{amb} = 25 \ ^{\circ}C$ | | -5 | - | - | V |
| collector-base | V _{CB} = -20 V; I _E = 0 A; T _{amb} = 25 °C | | - | - | -100 | nA |
| cut-off current | V _{CB} = -20 V; I _E = 0 A; T _j = 150 °C | | - | - | -5 | μΑ |
| emitter-base cut-off current | V _{EB} = -5 V; I _C = 0 A; T _{amb} = 25 °C | | - | - | -100 | nA |
| DC current gain | | | ' | | ' | _ |
| BC807 | V _{CE} = -1 V; I _C = -100 mA; T _{amb} = 25 °C | [1] | 100 | - | 600 | |
| BC807-16 | | [1] | 100 | - | 250 | |
| BC807-25 | | [1] | 160 | - | 400 | |
| BC807-40 | | [1] | 250 | - | 600 | |
| DC current gain | V _{CE} = -1 V; I _C = -500 mA; T _{amb} = 25 °C | [1] | 40 | - | - | |
| collector-emitter saturation voltage | $I_C = -500 \text{ mA}; I_B = -50 \text{ mA}; T_{amb} = 25 \text{ °C}$ | [1] | - | - | -700 | mV |
| base-emitter voltage | V _{CE} = -1 V; I _C = -500 mA; T _{amb} = 25 °C | [1] [2] | - | - | -1.2 | V |
| transition frequency | V _{CE} = -5 V; I _C = -10 mA; f = 100 MHz; T _{amb} = 25 °C | | 80 | - | - | MHz |
| collector capacitance | V_{CB} = -10 V; I_{E} = i_{e} = 0 A; f = 1 MHz; T_{amb} = 25 °C | | - | 5 | - | pF |
| | collector-emitter breakdown voltage emitter-base breakdown voltage collector-base cut-off current emitter-base cut-off current DC current gain BC807 BC807-16 BC807-25 BC807-40 DC current gain collector-emitter saturation voltage base-emitter voltage | collector-emitter breakdown voltage | collector-emitter breakdown voltage | collector-emitter breakdown voltage $I_C = -10 \text{ mA}$; $I_E = 0 \text{ A}$; $T_{amb} = 25 ^{\circ}\text{C}$ -45 emitter-base breakdown voltage $I_E = -100 \mu\text{A}$; $I_C = 0 \text{A}$; $T_{amb} = 25 ^{\circ}\text{C}$ -5 collector-base cut-off current $V_{CB} = -20 \text{V}$; $I_E = 0 \text{A}$; $T_{amb} = 25 ^{\circ}\text{C}$ - emitter-base cut-off current $V_{CB} = -20 \text{V}$; $I_C = 0 \text{A}$; $V_{CB} = 0 \text{A}$; V | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | $ \begin{array}{c} \text{collector-emitter} \\ \text{breakdown voltage} \\ \end{array} \begin{array}{c} I_{\text{C}} = -10 \text{ mA; } I_{\text{E}} = 0 \text{ A; } T_{\text{amb}} = 25 \text{ °C} \\ \end{array} \begin{array}{c} -45 \\ -5 \\ -5 \\ -5 \\ \end{array} \begin{array}{c} -6 \\ -5 \\ -5 \\ -5 \\ -5 \\ -5 \\ -5 \\ -5 \\$ |

 $[\]begin{array}{ll} [1] & \text{pulsed; } t_p \leq 300 \; \mu \text{s; } \delta \leq 0.02 \\ [2] & V_{BE} \; \text{decreases by about 2 mV/K with increasing temperature.} \end{array}$

45 V, 500 mA PNP general-purpose transistors



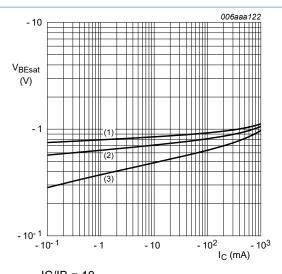
$$V_{CE} = -1 V$$

(1)
$$T_{amb} = 150 \, ^{\circ}C$$

(2)
$$T_{amb} = 25 \, ^{\circ}C$$

(3)
$$T_{amb} = -55$$
 °C

BC807-16: DC current gain as a function of Fig. 4. collector current; typical values

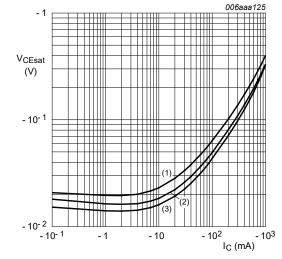


(1)
$$T_{amb} = -55 \, ^{\circ}C$$

(2)
$$T_{amb} = 25 \, ^{\circ}C$$

(3)
$$T_{amb} = 150 \, ^{\circ}C$$

BC807-16: Base-emitter saturation voltage as a Fig. 5. function of collector current; typical values

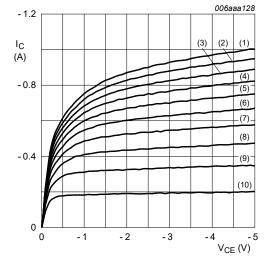


IC/IB = 10

(2)
$$T_{amb}$$
 = 25 °C

(3)
$$T_{amb} = -55$$
 °C

Fig. 6. BC807-16: Collector-emitter saturation voltage as a function of collector current; typical values



 T_{amb} = 25 °C

(1) $I_B = -16.0 \text{ mA}$

(2) $I_B = -14.4 \text{ mA}$

(3) $I_B = -12.8 \text{ mA}$

 $(4) I_B = -11.2 \text{ mA}$

 $(5) I_B = -9.6 \text{ mA}$

(6) $I_B = -8.0 \text{ mA}$

 $(7) I_B = -6.4 \text{ mA}$

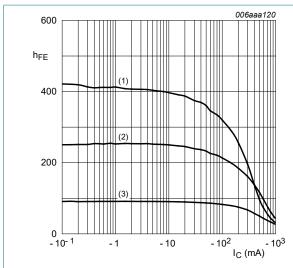
(8) $I_B = -4.8 \text{ mA}$

(9) $I_B = -3.2 \text{ mA}$

 $(10) I_B = -1.6 mA$

BC807-16: Collector current as a function of Fig. 7. collector-emitter voltage; typical values

45 V, 500 mA PNP general-purpose transistors



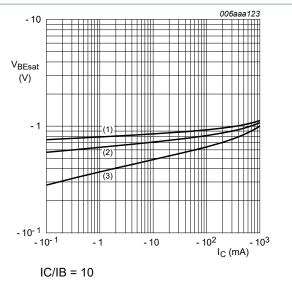
$$V_{CE} = -1 V$$

(1)
$$T_{amb} = 150 \, ^{\circ}C$$

(2)
$$T_{amb} = 25 \, ^{\circ}C$$

(3)
$$T_{amb} = -55 \, ^{\circ}C$$

Fig. 8. BC807-25: DC current gain as a function of collector current; typical values

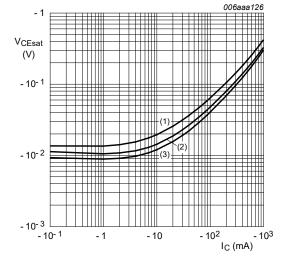


(1)
$$T_{amb} = -55 \, ^{\circ}C$$

(2)
$$T_{amb} = 25 \, ^{\circ}C$$

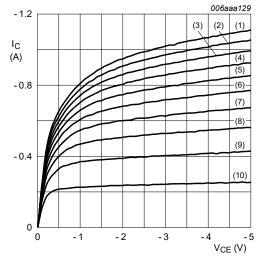
(3)
$$T_{amb} = 150 \, ^{\circ}C$$

Fig. 9. BC807-25: Base-emitter saturation voltage as a function of collector current; typical values



(3)
$$T_{amb} = -55$$
 °C

Fig. 10. BC807-25: Collector-emitter saturation voltage as a function of collector current; typical values



$$T_{amb} = 25 \, ^{\circ}C$$

(1)
$$I_B = -13.0 \text{ mA}$$

(2)
$$I_B = -11.7 \text{ mA}$$

(3)
$$I_B = -10.4 \text{ mA}$$

$$(4) I_B = -9.1 mA$$

$$(5) I_B = -7.8 \text{ mA}$$

(6)
$$I_B = -6.5 \text{ mA}$$

$$(7) I_B = -5.2 \text{ mA}$$

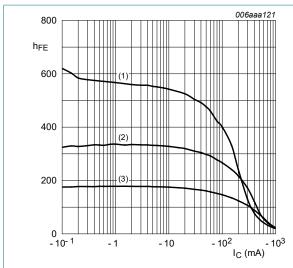
(8)
$$I_B = -3.9 \text{ mA}$$

(9)
$$I_B = -2.6 \text{ mA}$$

$$(10) I_B = -1.3 \text{ mA}$$

Fig. 11. BC807-25: Collector current as a function of collector-emitter voltage; typical values

45 V, 500 mA PNP general-purpose transistors



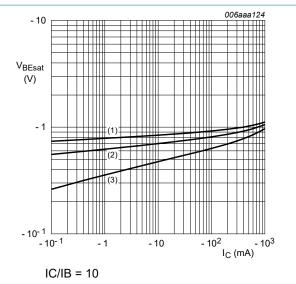
$$V_{CE} = -1 V$$

(1)
$$T_{amb} = 150 \, ^{\circ}C$$

(2)
$$T_{amb} = 25 \, ^{\circ}C$$

(3)
$$T_{amb} = -55 \, ^{\circ}C$$

Fig. 12. BC807-40: DC current gain as a function of collector current; typical values

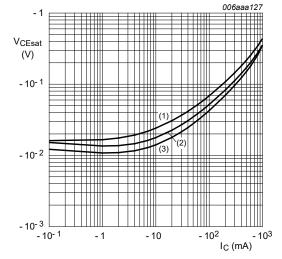


(1)
$$T_{amb} = -55 \, ^{\circ}C$$

(2)
$$T_{amb} = 25 \, ^{\circ}C$$

(3)
$$T_{amb} = 150 \, ^{\circ}C$$

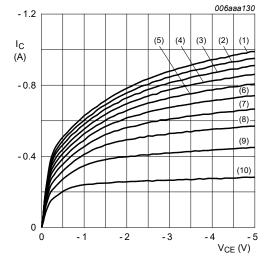
Fig. 13. BC807-40: Base-emitter saturation voltage as a function of collector current; typical values



IC/IB = 10

(3)
$$T_{amb} = -55$$
 °C

Fig. 14. BC807-40: Collector-emitter saturation voltage as a function of collector current; typical values



 $T_{amb} = 25 \, ^{\circ}C$

(1) $I_B = -12.0 \text{ mA}$

(2) $I_B = -10.8 \text{ mA}$

(3) $I_B = -9.6 \text{ mA}$

 $(4) I_B = -8.4 \text{ mA}$

(5) $I_B = -7.2 \text{ mA}$

(6) $I_B = -6.0 \text{ mA}$

 $(7) I_B = -4.8 \text{ mA}$

(8) $I_B = -3.6 \text{ mA}$

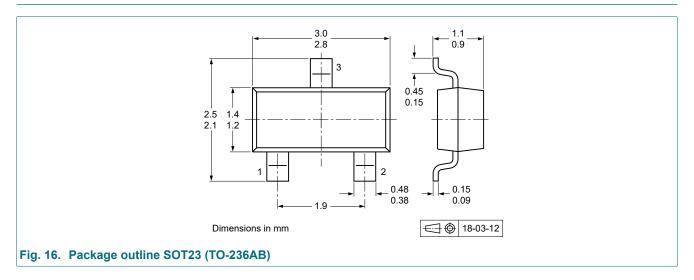
(9) $I_B = -2.4 \text{ mA}$

 $(10) I_B = -1.2 mA$

Fig. 15. BC807-40: Collector current as a function of collector-emitter voltage; typical values

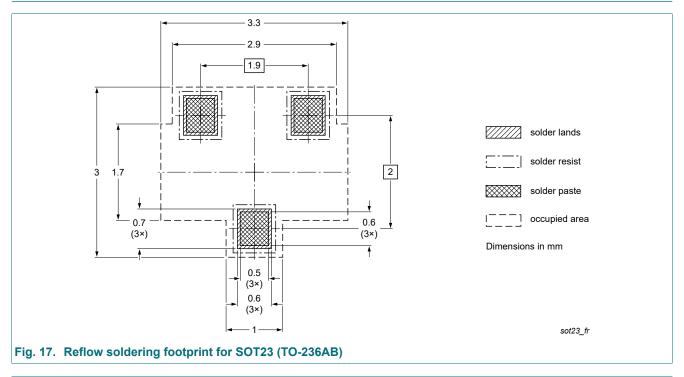
45 V, 500 mA PNP general-purpose transistors

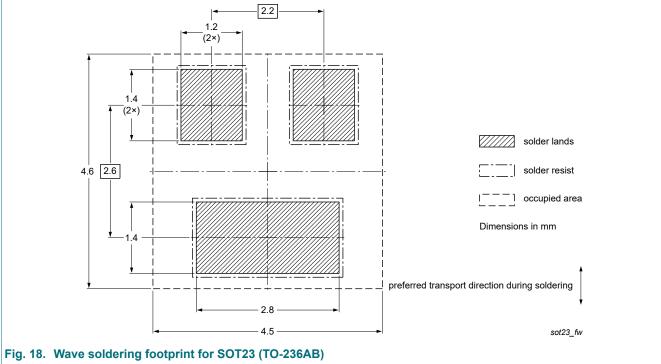
11. Package outline



45 V, 500 mA PNP general-purpose transistors

12. Soldering





45 V, 500 mA PNP general-purpose transistors

13. Revision history

Table 9. Revision history

| Table 9. Revision history | I | I | | _ | | | |
|---------------------------|--|-----------------------|----------------------------------|--------------------------------------|--|--|--|
| Data sheet ID | Release date | Data sheet status | Change notice | Supersedes | | | |
| BC807_SER v.8 | 20220701 | Product data sheet | - | BC807_SER v.7 | | | |
| Modifications: | Product(s) changed to non-automotive qualification. Please refer to nexperia.com for automotive (-Q) product alternative(s). | | | | | | |
| BC807_SER v.7 | 20180615 | Product data sheet | - | BC807_BC807W_BC327 v.6 | | | |
| BC807_BC807W_BC327 v.6 | 20091117 | Product data sheet | - | BC807_BC807W_BC327 v.5 | | | |
| BC807_BC807W_BC327 v.5 | 20050221 | Product data sheet | CPCN200302007F CPCN200405006F | BC807 v.4 BC807W v.3 BC327 v.3 | | | |
| BC807 v.4 | 20040116 | Product Specification | - | BC807 v.3 | | | |
| BC807W v.3 | 19990518 | Product Specification | - | BC807W_808W_CNV v.2 | | | |
| BC327 v.3 | 19990415 | Product Specification | - | BC327 v.2 | | | |

14. Legal information

Data sheet status

| Document status [1][2] | Product status [3] | Definition |
|--------------------------------|-----------------------|---|
| Objective [short] data sheet | Development | This document contains data from the objective specification for product development. |
| Preliminary [short] data sheet | Qualification | This document contains data from the preliminary specification. |
| Product [short] data sheet | Production | This document contains the product specification. |

- Please consult the most recently issued document before initiating or completing a design.
- [2] The term 'short data sheet' is explained in section "Definitions".
- The product status of device(s) described in this document may have changed since this document was published and may differ in case of multiple devices. The latest product status information is available on the internet at https://www.nexperia.com.

Definitions

Draft — The document is a draft version only. The content is still under internal review and subject to formal approval, which may result in modifications or additions. Nexperia does not give any representations or warranties as to the accuracy or completeness of information included herein and shall have no liability for the consequences of use of such information.

Short data sheet — A short data sheet is an extract from a full data sheet with the same product type number(s) and title. A short data sheet is intended for quick reference only and should not be relied upon to contain detailed and full information. For detailed and full information see the relevant full data sheet, which is available on request via the local Nexperia sales office. In case of any inconsistency or conflict with the short data sheet, the full data sheet shall prevail.

Product specification — The information and data provided in a Product data sheet shall define the specification of the product as agreed between Nexperia and its customer, unless Nexperia and customer have explicitly agreed otherwise in writing. In no event however, shall an agreement be valid in which the Nexperia product is deemed to offer functions and qualities beyond those described in the Product data sheet.

Disclaimers

Limited warranty and liability — Information in this document is believed to be accurate and reliable. However, Nexperia does not give any representations or warranties, expressed or implied, as to the accuracy or completeness of such information and shall have no liability for the consequences of use of such information. Nexperia takes no responsibility for the content in this document if provided by an information source outside of Nexperia.

In no event shall Nexperia be liable for any indirect, incidental, punitive, special or consequential damages (including - without limitation - lost profits, lost savings, business interruption, costs related to the removal or replacement of any products or rework charges) whether or not such damages are based on tort (including negligence), warranty, breach of contract or any other legal theory.

Notwithstanding any damages that customer might incur for any reason whatsoever, Nexperia's aggregate and cumulative liability towards customer for the products described herein shall be limited in accordance with the Terms and conditions of commercial sale of Nexperia.

Right to make changes — Nexperia reserves the right to make changes to information published in this document, including without limitation specifications and product descriptions, at any time and without notice. This document supersedes and replaces all information supplied prior to the publication hereof.

Suitability for use — Nexperia products are not designed, authorized or warranted to be suitable for use in life support, life-critical or safety-critical systems or equipment, nor in applications where failure or malfunction of an Nexperia product can reasonably be expected to result in personal

45 V, 500 mA PNP general-purpose transistors

injury, death or severe property or environmental damage. Nexperia and its suppliers accept no liability for inclusion and/or use of Nexperia products in such equipment or applications and therefore such inclusion and/or use is at the customer's own risk.

Quick reference data — The Quick reference data is an extract of the product data given in the Limiting values and Characteristics sections of this document, and as such is not complete, exhaustive or legally binding.

Applications — Applications that are described herein for any of these products are for illustrative purposes only. Nexperia makes no representation or warranty that such applications will be suitable for the specified use without further testing or modification.

Customers are responsible for the design and operation of their applications and products using Nexperia products, and Nexperia accepts no liability for any assistance with applications or customer product design. It is customer's sole responsibility to determine whether the Nexperia product is suitable and fit for the customer's applications and products planned, as well as for the planned application and use of customer's third party customer(s). Customers should provide appropriate design and operating safeguards to minimize the risks associated with their applications and products.

Nexperia does not accept any liability related to any default, damage, costs or problem which is based on any weakness or default in the customer's applications or products, or the application or use by customer's third party customer(s). Customer is responsible for doing all necessary testing for the customer's applications and products using Nexperia products in order to avoid a default of the applications and the products or of the application or use by customer's third party customer(s). Nexperia does not accept any liability in this respect.

Limiting values — Stress above one or more limiting values (as defined in the Absolute Maximum Ratings System of IEC 60134) will cause permanent damage to the device. Limiting values are stress ratings only and (proper) operation of the device at these or any other conditions above those given in the Recommended operating conditions section (if present) or the Characteristics sections of this document is not warranted. Constant or repeated exposure to limiting values will permanently and irreversibly affect the quality and reliability of the device.

Terms and conditions of commercial sale — Nexperia products are sold subject to the general terms and conditions of commercial sale, as published at http://www.nexperia.com/profile/terms, unless otherwise agreed in a valid written individual agreement. In case an individual agreement is concluded only the terms and conditions of the respective agreement shall apply. Nexperia hereby expressly objects to applying the customer's general terms and conditions with regard to the purchase of Nexperia products by sustained.

No offer to sell or license — Nothing in this document may be interpreted or construed as an offer to sell products that is open for acceptance or the grant, conveyance or implication of any license under any copyrights, patents or other industrial or intellectual property rights.

Export control — This document as well as the item(s) described herein may be subject to export control regulations. Export might require a prior authorization from competent authorities.

Non-automotive qualified products — Unless this data sheet expressly states that this specific Nexperia product is automotive qualified, the product is not suitable for automotive use. It is neither qualified nor tested in accordance with automotive testing or application requirements. Nexperia accepts no liability for inclusion and/or use of non-automotive qualified products in automotive equipment or applications.

In the event that customer uses the product for design-in and use in automotive applications to automotive specifications and standards, customer (a) shall use the product without Nexperia's warranty of the product for such automotive applications, use and specifications, and (b) whenever customer uses the product for automotive applications beyond Nexperia's specifications such use shall be solely at customer's own risk, and (c) customer fully indemnifies Nexperia for any liability, damages or failed product claims resulting from customer design and use of the product for automotive applications beyond Nexperia's standard warranty and Nexperia's product specifications.

Translations — A non-English (translated) version of a document is for reference only. The English version shall prevail in case of any discrepancy between the translated and English versions.

Trademarks

Notice: All referenced brands, product names, service names and trademarks are the property of their respective owners.

Nexperia

BC807 series

45 V, 500 mA PNP general-purpose transistors

Contents

| 1. | General description | 1 |
|-----|-------------------------|------|
| 2. | Features and benefits | 1 |
| 3. | Applications | 1 |
| 4. | Quick reference data | 1 |
| 5. | Pinning information | 2 |
| 6. | Ordering information | 2 |
| 7. | Marking | 2 |
| 8. | Limiting values | 3 |
| 9. | Thermal characteristics | 4 |
| 10. | . Characteristics | 5 |
| 11. | Package outline | 9 |
| 12. | . Soldering | . 10 |
| 13. | . Revision history | .11 |
| 14. | . Legal information | 12 |

For more information, please visit: http://www.nexperia.com
For sales office addresses, please send an email to: salesaddresses@nexperia.com
Date of release: 1 July 2022

[©] Nexperia B.V. 2022. All rights reserved



OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we striciy control the quality of products and services. Welcome your RFQ to Email: Info@DiGi-Electronics.com

















Tel: +00 852-30501935