

**Customer Information Notification**

2018100011

**Issue Date:** 05-Nov-2018  
**Effective Date:** 05-Dec-2018

Here's your personalized quality information concerning products Digi-Key purchased from Nexperia.  
 For detailed information we invite you to view this notification online



**Change Category**

- |  |   |  |   |   |
|--|---|--|---|---|
| <input type="checkbox"/> Wafer Fab Process   | <input type="checkbox"/> Assembly Process   | <input type="checkbox"/> Product Marking           | <input type="checkbox"/> Test Location  | <input type="checkbox"/> Design                         |
| <input type="checkbox"/> Wafer Fab Materials | <input type="checkbox"/> Assembly Materials | <input type="checkbox"/> Mechanical Specification  | <input type="checkbox"/> Test Process   | <input checked="" type="checkbox"/> Errata              |
| <input type="checkbox"/> Wafer Fab Location  | <input type="checkbox"/> Assembly Location  | <input type="checkbox"/> Packing/Shipping/Labeling | <input type="checkbox"/> Test Equipment | <input type="checkbox"/> Electrical spec./Test coverage |

Data sheet update for BC847 series

**Information Notification**

The data sheet of BC847 Series will be updated.

Table 5. Marking codes:

The Type number of the corresponding marking code D6 will be corrected from BC847CW to BC847CM.

In addition we will add:

- 1.1 General description: missing packages
- Typical graph (Fig.1, Fig.2 and Fig.3) of Zth(j-a) values "Thermal impedance from junction to ambient as a function of pulse duration" per package to the data sheet.
- Characteristics of the minimum breakdown voltage V(BR)CBO, V(BR)CES and V(BR)EBO to Table 8.

The products remain unchanged. There is no change in electrical and thermal behavior.

**Why do we issue this Information Notification**

Typing error in current data sheet.

**Identification of Affected Products**

Product identification does not change

**Impact**

There is no impact to the products' functionality.

**Data Sheet Revision**

A new datasheet will be issued

**Contact and Support**

For all inquiries regarding the ePCN tool application or access issues, please contact Nexperia "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local Nexperia Sales Support team.

At Nexperia B.V. we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.

### About Nexperia B.V.

We at Nexperia are the efficiency semiconductor company. We deliver over 70 billion products a year and as such service thousands of global customers, both directly and through our extensive network of channel partners. We are at the heart of billions of electronic devices in the Automotive, Mobile, Industrial, Consumer, Computing, and Communication Infrastructure segments.

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Nexperia B.V.

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#### **Affected Part Numbers**

BC847AW,115

BC847B,215

BC847C,215

BC847CW,115

BC847CM,315

BC847CW,135

BC847W,115

BC847A,215

BC847B,235

BC847BW,135

BC847BM,315

BC847BW,115

BC847C,235

BC847,215