

**Final Product Change Notification**

201909003F01

**Issue Date:** 11-Oct-2019  
**Effective Date:** 24-Jan-2020

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 checked="" 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 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 |

Change of die size for PMBTA56, PMSTA55 and PMSTA56

**Details of this Change**

Change of the die pitch size for the PNP general purpose transistor PMBTA56, PMSTA55 and PMSTA56.

current die size: 580 µm x 580 µm  
 new die size: 450 µm x 450 µm

**Why do we Implement this Change**

To increase wafer fab flexibility and volume ramp-up.

**Identification of Affected Products**

Changed products can be identified by date code after implementation.

**Product Availability**

**Sample Information**

Samples are available upon request  
 Latest sample request date for PCN samples: 08-Nov-2019

**Production**

Planned first shipment 24-Jan-2020

## Impact

No impact to the products' functionality anticipated.

## Disposition of Old Products

Existing inventory will be shipped until depleted

## Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 09-Nov-2019. Lack of acknowledgement of the PCN constitutes acceptance of the change.

## 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 90 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 Number

PMBTA56,215

PMSTA55,115

### Affected 12NC

933816490215

934042540115