

## Final Product/Process Change Notification

202307002F01

Dear Tracy Hoglin,

Issue Date: 24/07/2023

Effective Date: 31/10/2023

Here is your personalized quality information concerning products our customers and partners purchased from Ampleon.

For detailed information we invite you to [view this notification online](#)

### Management Summary

Changing the diebond process for the LDMOS die from AuSn to Ag Sinter.

#### Change Category

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

## Implementation of Silver Sinter in ACP3

### Information Notification

Changing the diebond process for the LDMOS die from AuSn to Ag Sinter. For details see presentation attached in the ePCN tool.

### Why do we implement this change?

#### Identification of affected Products

Product identification does not change

### Product availability

#### Sample information

Samples are available upon request

### Production

Planned first shipment

### Impact

#### Data Sheet Revision

No impact to existing datasheet

### Disposition of Old Products

Existing inventory will be shipped until depleted.

### Timing and Logistics

First shipment planned after current stock is depleted. This is not expected before end of October 2023

**Additional information**

Affected products, sales history information as well as self qualification / additional documents can be accessed here: [view online](#)

**Remarks**

**Contact and Support**

For all inquiries regarding the ePCN tool application or access issues, please contact [Ampleon "Quality Support Team"](#).

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

At Ampleon we are dedicated to creating optimal value for our customers.

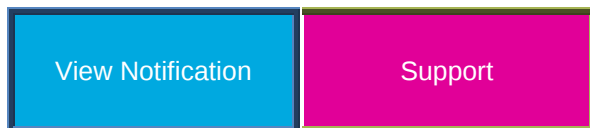
Ampleon Quality Management Team.

**About Ampleon**

Created in 2015, Ampleon is shaped by 50 years of RF power leadership and is set to exploit the full potential of data and energy transfer in RF. Ampleon has more than 1,250 employees worldwide, dedicated to creating optimal value for customers. Its innovative, yet consistent portfolio offers products and solutions for a wide range of applications, such as cellular base stations, radio/TV/broadcasting, radar, air traffic control, cooking, lighting, industrial lasers and medical. For details on the leading global partner in RF Power, visit [www.ampleon.com](http://www.ampleon.com).

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