

Customer Information Notification

2022030031

Dear Tracy Hoglin,

Issue Date: 18/03/2022
Effective Date: 08/04/2022

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

Datasheet of ART2K0FE will be updated and merged with datasheets of ART2K0FES and ART2K0FEG. Datasheet of ART1K6FH will be updated and merged with datasheets of ART1K6FHS and ART1K6FHG.

Change Category

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> Wafer Fab process | <input type="checkbox"/> Assembly Process | <input type="checkbox"/> Product Marking | <input type="checkbox"/> Design |
| <input type="checkbox"/> Wafer Fab materials | <input type="checkbox"/> Assembly Materials | <input checked="" 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 |

Merging and updating datasheets

Information Notification

Next to the merger of datasheets the Rth/Zth values of ART2K0FE and ART1K6FH will be updated to reflect a most realistic value. Igss and Idss limits are also updated. For more details see document in the online ePCN tool.

Why do we issue this Information Notification

to inform the customer on the upcoming changes in the datasheet

Identification of affected Products

Impact

Data Sheet Revision

A new datasheet will be issued

Disposition of Old Products

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.

For specific questions on this notice or the products affected please contact our specialist directly:

Name	Hans Buis
Position	Process Improvement Manager
E-mail address	hans.buis@ampleon.com

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.

You have received this email because you are a designated contact or registered to this portal. Ampleon shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply.

Details of the change for ART2K0FE as mentioned in CIN 202203003I

1. Datasheet of released ART2K0FE will be merged with datasheets of ART2K0FES and ART2K0FEG
2. Redefine the Rth/Zth value in the datasheet towards a new standard (from 0.085 K/W to 0.077 K/W). The Rth is standard measured in an application board to have a better representation of the application condition at the customer. This is reflected in a change in table 5 and Fig. 1.
3. Change Igss and Idss limits in table 6 of the datasheet from 140nA and 1.4uM towards 280nA and 2.8uA respectively.

Reason for Change:

1. Combining of datasheets is usually done once different variants (eared/earless/straight lead/gull wing lead) of the same product share a large set of same technical specifications. As ART2K0FE has been released already, the datasheet are merged at the release of ART2K0FES/ART2K0FEG.
2. Customer measures the Rth in an application board and we also measure the Rth in and application board in order to specify the most realistic Rth-figure in our datasheet. This is beneficial for both the customer and Ampleon as we can specify a lower Rth-value than initially reflected in the datasheet.3. The old Igss and Idss limited were based on the DPAT-limits iso fixed limits.

Details of the change for ART1K6FH as mentioned in CIN 202203003I

1. Datasheet of released ART1K6FH will be merged with datasheets of ART1K6FHS and ART1K6FHG
2. Redefine the Rth/Zth value in the datasheet towards a new standard (from 0.085 K/W to 0.077 K/W) . The Rth is standard measured in an application board to have a better representation of the application condition at the customer. This is reflected in a change in table 5 and Fig. 1.
3. Change Igss and Idss limits in table 6 of the datasheet from 120nA and 1.2uM towards 280nA and 2.8uA respectively.

Reason for Change:

1. Combining of datasheets is usually done once different variants (eared/earless/straight lead/gull wing lead) of the same product share a large set of same technical specifications. As ART1K6FH has been released already, the datasheets are merged at the release of ART1K6FHS&ART1K6FHG.
2. Customer measures the Rth in an application board and we also measure the Rth in and application board in order to specify the most realistic Rth-figure in our datasheet. This is beneficial for both the customer and Ampleon as we can specify a lower Rth-value than initially reflected in the datasheet.3. The old Igss and Idss limited were based on the DPAT-limits iso fixed limits.