

## **CUSTOMER ADVISORY ADV1103**

### **TOPSIDE MARK CHANGE FOR ALTERA ARRIA II GX DEVICES**

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#### **Change Description**

The existing Arria<sup>®</sup> II GX product family logo will be excluded from the topside markings.

#### **Recommended Action**

No action is recommended as a result of this change.

This change does not affect the fit, or function as defined in the Altera's Data Sheet and is backward compatible with existing devices.


#### **Reason for Change**

This change is being implemented to improve the overall manufacturability and quality of the topside mark.

#### **Products Affected**

The product lines affected by this change are listed in Table 1. A list of the current ordering part numbers are listed in Appendix 1.

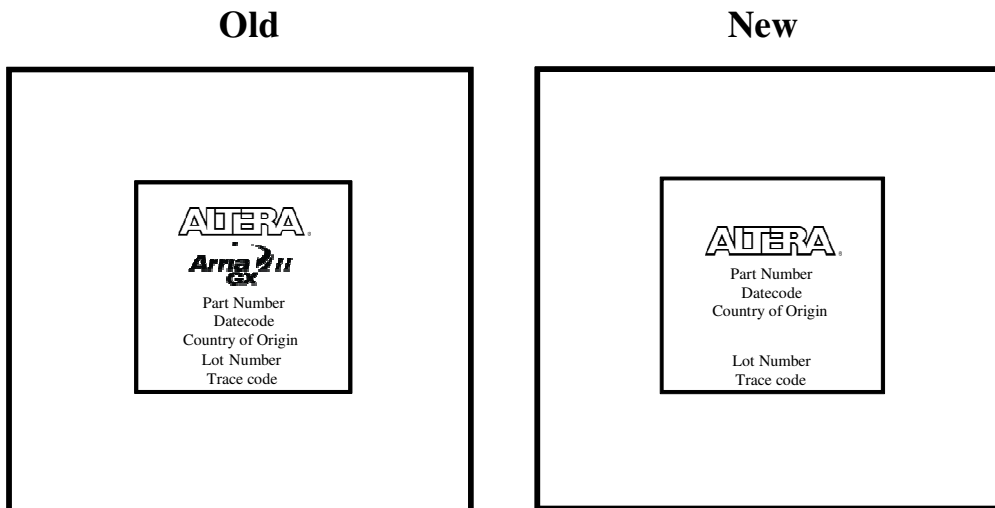
**Table 1: Affected Product Lines**

| Product Family  | Product Line | Pin Count | Package Type |
|---|--------------|-----------|--------------|
|  | EP2AGX95     | 572       | FBGA         |
|   |              | 780       |              |
|   |              | 1152      |              |
|   | EP2AGX125    | 572       | FBGA         |
|   |              | 780       |              |
|   |              | 1152      |              |
|   | EP2AGX190    | 780       | FBGA         |
|   |              | 1152      |              |
|   | EP2AGX260    | 780       | FBGA         |
|   |              | 1152      |              |

**Product Traceability**

The following examples show the difference in topside marking, refer to Figure 1.

**Figure 1: Comparison between old and new marking format**



## Contact

For more information, please contact Altera Technical Support by submitting a Service Request at Altera's [mySupport](#) website.

## Customer Notifications Subscription

Customers that have subscribed to Altera's customer notification mailing list will receive updates automatically via email.

If you would like to receive customer notifications by e-mail, please subscribe to our customer notification mailing list at <https://www.altera.com/subscriptions/email/signup/eml-index.jsp>

## Revision History

| Date       | Rev   | Description     |
|------------|-------|-----------------|
| 01/18/2011 | 1.0.0 | Initial Release |

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## Appendix 1: Affected Ordering Part Numbers



|                 |                    |                    |                    |
|-----------------|--------------------|--------------------|--------------------|
| EP2AGX95DF25C4  | EP2AGX125DF25C4    | EP2AGX190EF29C4    | EP2AGX260EF29C4    |
| EP2AGX95DF25C4N | EP2AGX125DF25C4N   | EP2AGX190EF29C4N   | EP2AGX260EF29C4N   |
| EP2AGX95DF25C5  | EP2AGX125DF25C5    | EP2AGX190EF29C5    | EP2AGX260EF29C5    |
| EP2AGX95DF25C5N | EP2AGX125DF25C5N   | EP2AGX190EF29C5N   | EP2AGX260EF29C5N   |
| EP2AGX95DF25C6  | EP2AGX125DF25C6    | EP2AGX190EF29C6    | EP2AGX260EF29C6    |
| EP2AGX95DF25C6N | EP2AGX125DF25C6N   | EP2AGX190EF29C6N   | EP2AGX260EF29C6N   |
| EP2AGX95DF25I5  | EP2AGX125DF25I5    | EP2AGX190EF29I3N * | EP2AGX260EF29I3N   |
| EP2AGX95DF25I5N | EP2AGX125DF25I5N   | EP2AGX190EF29I5    | EP2AGX260EF29I5    |
| EP2AGX95EF29C4  | EP2AGX125EF29C4    | EP2AGX190EF29I5N   | EP2AGX260EF29I5N   |
| EP2AGX95EF29C4N | EP2AGX125EF29C4N   | EP2AGX190FF35C4    | EP2AGX260FF35C4    |
| EP2AGX95EF29C5  | EP2AGX125EF29C5    | EP2AGX190FF35C4N * | EP2AGX260FF35C4N   |
| EP2AGX95EF29C5N | EP2AGX125EF29C5N   | EP2AGX190FF35C5    | EP2AGX260FF35C5    |
| EP2AGX95EF29C6  | EP2AGX125EF29C6    | EP2AGX190FF35C5N   | EP2AGX260FF35C5N   |
| EP2AGX95EF29C6N | EP2AGX125EF29C6N   | EP2AGX190FF35C6    | EP2AGX260FF35C6    |
| EP2AGX95EF29I3N | EP2AGX125EF29I3    | EP2AGX190FF35C6N   | EP2AGX260FF35C6N   |
| EP2AGX95EF29I5  | EP2AGX125EF29I3N * | EP2AGX190FF35I3N * | EP2AGX260FF35I3N * |
| EP2AGX95EF29I5N | EP2AGX125EF29I5    | EP2AGX190FF35I5    | EP2AGX260FF35I5    |
| EP2AGX95EF35C4  | EP2AGX125EF29I5N   | EP2AGX190FF35I5N   | EP2AGX260FF35I5N   |
| EP2AGX95EF35C4N | EP2AGX125EF35C4    |                    |                    |
| EP2AGX95EF35C5  | EP2AGX125EF35C4N   |                    |                    |
| EP2AGX95EF35C5N | EP2AGX125EF35C5    |                    |                    |
| EP2AGX95EF35C6N | EP2AGX125EF35C5N   |                    |                    |
| EP2AGX95EF35I3N | EP2AGX125EF35C6    |                    |                    |
| EP2AGX95EF35I5  | EP2AGX125EF35C6N   |                    |                    |
| EP2AGX95EF35I5N | EP2AGX125EF35I3    |                    |                    |
|                 | EP2AGX125EF35I3N   |                    |                    |
|                 | EP2AGX125EF35I5    |                    |                    |
|                 | EP2AGX125EF35I5N * |                    |                    |

*Note: \* Also include part numbers which contain a suffix.*